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1. Introducción

El presente anexo tiene como objeto calcular y determinar la ubicación de las cámaras de transformación subterráneas del “Proyecto Técnico Económico para el Soterramiento de Redes Eléctricas de MV y BV, Alumbrado Público y Telecomunicaciones, del sector Centro de la ciudad de Loja.”

1. Ubicación de las cámaras de transformación

Para ubicar las Cámaras de transformación en el presente Proyecto se ha seguido como prioridad reutilizar las cámaras subterráneas ya existentes, valorando la necesidad de cambiar el transformador existente por otro superior en capacidad.

Las ubicaciones nuevas se han determinado conjuntamente con EERSSA y el Municipio, estableciéndose la posición exacta de las mismas.

Una vez establecida la posición de todas las cámaras se ha valorado los siguientes parámetros:

* **Distribución de carga:**

Las diferentes C.T. deben soportar cargas similares, de esta forma se evita que un transformador esté saturado respecto a otro.

* **Simetría:**

Las C.T. con una distribución de carga uniforme.

* **Prioridades de ubicación:**

Las ubicaciones establecidas están en terreno público.

Las ubicaciones de las cámaras, las cuales pueden consultarse en la geodata base de diseño, son las siguientes:

* Cámara de Transformación 1
  + Ubicación: Norte de la calle 18 de Noviembre y Juan de Salinas.
  + Tipo: Subterránea
* Cámara de Transformación 2
  + Ubicación: En el retiro de la escuela José Miguel García Moreno, Bolívar entre avenida Emiliano Ortega y Juan de Salinas
  + Tipo: Subterránea
* Cámara de transformación 3:
  + Ubicación: Colegio de la calle Quito nº: 15-37 y 18 de Noviembre.
  + Tipo: Subterránea
* Cámara de transformación 4:
  + Ubicación: Calle Quito y Bolívar.
  + Tipo: Subterránea
* Cámara de Transformación 5:
  + Ubicación: Calle Olmedo e Imbabura.
  + Tipo: Subterránea
* Cámara de Transformación 6:
  + Ubicación: Parque San Francisco
  + Tipo: Subterránea
* Cámara de transformación 7
  + Ubicación: Parque Simón Bolívar
  + Tipo: Subterránea
* Cámara de transformación 8
  + Ubicación: Parque en la calle 24 de Mayo y José Antonio Eguiguren.
  + Tipo: Subterránea
* Cámara de transformación 9:
  + Ubicación: Bajo plazoleto en calle Olmedo y José Antonio Eguiguren.
  + Tipo: Subterránea
* Cámara de Transformación 10:
  + Ubicación: Bajo parque central Bolívar y José Antonio Eguiguren.
  + Tipo: Subterránea
* Cámara de Transformación 11:
  + Ubicación: Mercado central, 18 de Noviembre y 10 de Agosto.
  + Tipo: Subterránea
* Cámara de Transformación 12:
  + Ubicación: Parque Santo Domingo, calle Bolívar y Rocafuerte.
  + Tipo: Subterránea
* Cámara de Transformación 13:
  + Ubicación:
  + Tipo: Subterránea
* Cámara de Transformación 14:
  + Ubicación: Bajo calzada, calle 24 de Mayo y Miguel Rio frío.
  + Tipo: Subterránea
* Cámara de Transformación 15:
  + Ubicación: Bajo parque de las flores, calle Azuay y Bernardo Valdivieso.
  + Tipo: Subterránea
* Cámara de Transformación 16:
  + Ubicación: En los servicios higiénicos públicos de la calle Mercadillo nº: 15-40 y 18 de Noviembre.
  + Tipo: Subterránea
* Cámara de Transformación 17:
  + Ubicación: Parque San Sebastián, calle Bolívar y Mercadillo.
  + Tipo: Subterránea
* Cámara de Transformación 18:
  + Ubicación: Bajo calzada, calle Mercadillo y 24 de Mayo.
  + Tipo: Subterránea
* Cámara de Transformación 19:
  + Ubicación: Bajo calzada, calle Olmedo y Lourdes.
  + Tipo: Subterránea
* Cámara de Transformación 20:
  + Ubicación: Bajo calzada, calle Catacocha cruce con la 18 de Noviembre.
  + Tipo: Subterránea
* Cámara de Transformación 21:
  + Ubicación: Bajo calzada, ubicándola en el lado Oeste de la calle Catacocha y Bolívar.
  + Tipo: Subterránea
* Cámara de Transformación 22:
  + Ubicación: Bajo calzada en el parque infantil de la calle Olmedo y Andrés Bello.
  + Tipo: Subterránea
* Cámara de Transformación 23:
  + Ubicación: Bajo zona verde en la calle 24 de Mayo y Catacocha.
  + Tipo: Subterránea
* Cámara de Transformación 24:
  + Ubicación: Bajo parque en la calle Matilde Hidalgo y Egas.
  + Tipo: Subterránea
* Cámara de Transformación 25:
  + Ubicación: Bajo calzada, situándola en retiro existente en la calle 18 de Noviembre y Célica
  + Tipo: Subterránea
* Cámara de Transformación 26:
  + Ubicación: Bajo parque en la calle Bolívar y Célica.
  + Tipo: Subterránea
* Cámara de Transformación 27:
  + Ubicación: Bajo parque los Molinos, calle 18 de Noviembre y Chile.
  + Tipo: Subterránea
* Cámara de Transformación 28:
  + Ubicación: Bajo mediana en la calle de doble calzada Avenida Eduardo Kingman y Saraguro.
  + Tipo: Subterránea
* Cámara de Transformación 29:
  + Ubicación bajo mediana en la calle de doble calzada Avenida Eduardo Kingman y Catamayo.
  + Tipo: Subterránea

1. Características generales

Las cámaras de transformación utilizadas serán de construcción en obra civil de hormigón, cuya distribución interior depende del tamaño del transformador instalado y del número de celdas y tableros BV. Se adjunta un plano de detalle de cada cámara diseñada en el Proyecto.

Se recomienda que los equipos a instalar en las cámaras sean de un mismo fabricante con el objeto de realizar las verificaciones y pruebas de forma conjunta.

Además deberán cumplir las características establecidas en los siguientes apartados.

* 1. Equipotencialidad

Toda la armadura metálica embebida en el hormigón constituirá un sistema equipotencial, pudiendo unir o no los herrajes de la envolvente con la cubierta según especificaciones de cada compañía eléctrica.

Todos los elementos metálicos interiores estarán conectados a un anillo de tierras perimetral cerrado realizado con cable desnudo de cobre de 50mm2. Las partes metálicas accesibles desde el exterior serán conectadas al anillo equipotencial en función de las exigencias de cada compañía eléctrica. Estas conexiones se harán mediante bridas crimpadas.

Se garantizarán los siguientes ensayos:

* Equipotencialidad, comprobando que todos los elementos metálicos internos se encuentren unidos a la red de tierras y que el valor de la resistencia entre ellos sea de cero ohmios.
* Aislamiento de las partes metálicas externas, como puertas y ventilaciones, aplicando 500 Vcc y verificando que la resistencia entre estos elementos y el sistema equipotencial es > 10 Kohmnios.
  1. Cubierta

Una cubierta formada por una estructura de hormigón armado con mallazo de diámetro 12 cada 10cm cierra la envolvente, apoyándose en ella. Esta cubierta está diseñada y construida de forma que impide la acumulación de agua sobre ella consiguiendo una perfecta estanqueidad, evitando todo riesgo de filtraciones.

La cubierta estará calculada para soportar una carga superficial uniformemente repartida de 500 daN/m2, más una sobrecarga puntual de 6000 daN en la posición más desfavorable o dos cargas de 4500 daN en condiciones similares.

Esta cubierta integrará los cercos necesarios para alojar las tapas para la introducción de aparamenta y transformador dentro de la cámara. También estará sobre la cubierta el cerco para la entrada del personal técnico.

Los accesos de materiales y personal serán independientes. Las medidas de las tapas serán las siguientes:

Materiales: 1.30 m x1.80 m

Personal: 0.70 m x 1.30 m

Las partes metálicas accesibles de la cubierta estarán aisladas (10.000 ohm) con respecto a la tierra de herrajes.

* 1. Suelos

El suelo de hormigón armado en el interior de la envolvente con mallazo sirve de soporte para la aparamenta y transformador. La plataforma de trabajo sobre los canales de conductores es un suelo tipo tramex conectado a la tierra de herrajes.

Una escalera metálica permite acceder fácilmente a la plataforma de trabajo. Esta escalera posee una barandilla metálica (agarramanos) y unos peldaños antideslizantes.

La cuba de recogida de aceite se integra en el propio diseño del edificio prefabricado. Cada una de ellas estará diseñada para recoger en su interior el aceite de un transformador hasta 1000kV sin que éste se derrame por la base.

Se dispone en el diseño un canal perimetral que servirá de repartición de las instalaciones eléctricas por la cámara de transformación de acuerdo a los planos de detalle de cámaras.

* 1. Orificios de entrada de cables.

La envolvente de las cámaras dispondrá de entrada de conductores con sistemas tipo Roxtec o similar de acometida de conductores de MV y BV de tal manera que se garantice la total estanqueidad del interior. Dispondrá de una acometida independiente en dos paredes enfrentadas.

* 1. Dimensiones

Las dimensiones de las cámaras y la distribución de equipos, puede observarse en el plano de detalle de cámaras subterráneas.

* 1. Materiales

Se utilizará hormigón f´c=240 kg/cm2 en los elementos estructurales. Estos deberán someterse a ensayos de acuerdo con la designación C 31 del ASTM. Además los materiales que lo componen deberán cumplir las especificaciones de las normas correspondientes:

* Cemento portland: Deberá cumplir co las especificaciones del INEN 152.
* Agregados: Reunirán los requisitos de las normas INEN 872 y 873
* Agua: El agua deberá cumplir con la norma INEN 1108.

1. Elementos eléctricos
   1. Transformadores

Las cámaras de transformación objeto de este proyecto serán propiedad de la Empresa Eléctrica Regional del Sur. La energía suministrada será de 220 V trifásica a una frecuencia de 60 Hz.

Los transformadores que se instalarán según la previsión de potencia son los siguientes:

| **Cámara de transformación** | **Potencia Proyectado(KVA)** | **Potencia (KVA)Existentes** |
| --- | --- | --- |
| CT-1 | 500 |  |
| CT-2 | 500 |  |
| CT-3 | 750 |  |
| CT-4 | 750 |  |
| CT-5 | 300 | Existente |
| CT-6 | 500 | Existente |
| CT-7 | 500 |  |
| CT-8 | 500 |  |
| CT-9 | 500 |  |
| CT-10 | 500 |  |
| CT-11 | 750 | Existente |
| CT-12 | 500 | Exxxx |
| 300 | Existente |
| CT-13 | 500 | Existente |
| CT-14 | 500 |  |
| 500 |  |
| CT-15 | 750 |  |
| CT-16 | 750 |  |
| CT-17 | 750 | Existente |
| CT-18 | 500 |  |
| CT-19 | 750 |  |
| CT-20 | 500 |  |
| CT-21 | 750 |  |
| CT-22 | 500 |  |
| CT-23 | 750 |  |
| CT-24 | 500 |  |
| CT-25 | 500 |  |
| CT-26 | 500 |  |
| CT-27 | 300 |  |
| CT-28 | 500 |  |
| CT-29 | 500 |  |

Tabla 1: Potencias asignadas a cada cámara de transformación

Las especificaciones de los transformadores a instalar deben cumplir con los siguientes parámetros:

| **Transformadores de Distribución** | |
| --- | --- |
| **Potencia nominal** | 500 - 750 KVA |
| **Tipo** | Trifásico |
| **Montaje** | Cámara subterránea |
| **Frecuencia** | 60 Hz |
| **Clase** | Medio Voltaje ≤ 25 Kv |
| **Pérdidas** | Po = 13,27 x Pn 0,7093 Pc = 10,465 x Pn + 537 |
| **Voltaje Nominal** | MV: 13800 V |
| BV: 127/220 V |
| **Grupo Conexión** | Dyn5 |
| **Nivel de aislamiento** | Primario: 95 Kv |
| Secundario: 30 Kv |
| **Nivel de ruido** | 51 dB |
| **Altura sobre el nivel del mar** | 2500m |
| **Temperatura ambiente mínima** | 4 oC |
| **Temperatura ambiente máxima** | 50 oC |
| **Temperatura promedio** | 40 oC |

Tabla 2: Especificaciones transformadores

* 1. Celdas

| **CT** | **POTENCIA (KVA)** | **CELDAS** | | |
| --- | --- | --- | --- | --- |
| **INTERRUPTOR AUTOMATICO** | **INTERRUPTOR SECCIONADOR** | **TOTAL** |
| **1** | 500 | 2 | 4 | **6** |
| **2** | 500 | 2 | 4 | **6** |
| **3** | 750 | 2 | 2 | **4** |
| **4** | 750 | 2 | 2 | **4** |
| **5** | 300 |  |  |  |
| **6** | 500 |  |  |  |
| **7** | 500 | 2 | 4 | **6** |
| **8** | 500 | 2 | 2 | **4** |
| **9** | 500 | 4 | 0 | **4** |
| **10** | 500 | 2 | 2 | **4** |
| **11** | 750 |  |  |  |
| **12** | 500 |  |  |  |
| **12B** | 300 |  |  |
| **13** | 500 |  |  | **4** |
| **14** | 500 | 2 | 2 | **4** |
| **14B** | 500 |  |  |
| **15** | 750 | 2 | 6 | **8** |
| **16** | 750 | 2 | 2 | **4** |
| **17** | 750 |  |  |  |
| **18** | 500 | 2 | 2 | **4** |
| **19** | 750 | 2 | 2 | **4** |
| **20** | 500 | 2 | 6 | **8** |
| **21** | 750 | 2 | 6 | **8** |
| **22** | 500 | 2 | 6 | **8** |
| **23** | 750 | 2 | 2 | **4** |
| **24** | 500 | 2 | 4 | **6** |
| **25** | 500 | 2 | 2 | **4** |
| **26** | 500 | 2 | 2 | **4** |
| **27** | 300 | 4 | 4 | **8** |
| **28** | 500 | 2 | 4 | **6** |
| **29** | 500 | 2 | 6 | **8** |
|  |  |  |  |  |
| **TOTAL** | **14.380** |  | | **162** |

Tabla 3: Número y tipo de celdas de cada cámara

Total de Celdas = 112

1. Instalaciones auxiliares
   1. Ventilación

El sistema de ventilación debe diseñarse de forma que se cree un movimiento de aire que refrigere la cámara subterránea y disipe el calor de los elementos eléctricos contenidos en ella.

* + 1. Caudal del aire necesario

Se calcula el caudal de aire necesario para absorber la energía liberada por el transformador en forma de pérdidas, en función de su capacidad de refrigeración y de la temperatura media ambiental.

Donde,

Qa: Caudal de aire necesario (m3/s)

Ppt: Pérdida de potencia del transformador a plena carga (kW). Es la suma de las pérdidas en el hierro y las pérdidas en el cobre.

: Incremento de temperatura del aire admitido (15oC)

| **Cámara de transformación** | **Potencia (KVA)** | **Pérdidas a plena carga (W)** | **Caudal de aire** |
| --- | --- | --- | --- |
| CT-1 | 500 | 5770 | 0,33 |
| CT-2 | 500 | 4730 | 0,27 |
| CT-3 | 750 | 5770 | 0,33 |
| CT-4 | 750 | 7170 | 0,41 |
| CT-5 | 300 | 3677 | 0,21 |
| CT-6 | 500 | 4200 | 0,24 |
| CT-7 | 500 | 5770 | 0,33 |
| CT-8 | 500 | 4730 | 0,27 |
| CT-9 | 500 | 5770 | 0,33 |
| CT-10 | 500 | 5770 | 0,33 |
| CT-11 | 750 | 7170 | 0,41 |
| CT-12 | 500 | 5770 | 0,33 |
| 300 | 3677 | 0,21 |
| CT-13 | 500 | 4730 | 0,27 |
| CT-14 | 500 | 5770 | 0,33 |
| 500 | 4730 | 0,27 |
| CT-15 | 750 | 7170 | 0,41 |
| CT-16 | 750 | 8386 | 0,48 |
| CT-17 | 750 | 7170 | 0,41 |
| CT-18 | 500 | 4730 | 0,27 |
| CT-19 | 750 | 7170 | 0,41 |
| CT-20 | 500 | 4730 | 0,27 |
| CT-21 | 750 | 7170 | 0,41 |
| CT-22 | 500 | 3677 | 0,21 |
| CT-23 | 750 | 5770 | 0,33 |
| CT-24 | 500 | 4200 | 0,24 |
| CT-25 | 500 | 5770 | 0,33 |
| CT-26 | 500 | 4730 | 0,27 |
| CT-27 | 300 | 3677 | 0,21 |
| CT-28 | 400 | 4730 | 0,27 |
| CT-29 | 300 | 3677 | 0,21 |

Tabla 3: Pérdidas de los transformadores y caudal de aire a disipar. Datos de pérdidas de carga obtenidos de la norma NTE INEN 2115

* + 1. Velocidad mínima de salida del aire

Se obtiene por aplicación de la expresión:

Dónde:

Vs: Velocidad de salida del aire mínima (m/s)

H: Distancia vertical entre los centros de las rejillas de entrada y salida (m), que en los diseños de las cámaras está establecido en 1.8 m.

El valor de la velocidad mínima de salida del aire es por tanto de **0.4114 m/s.** En el interior de conductos de ventilación forzada pueden alcanzarse valores de hasta 5 m/s sin que se produzcan pérdidas de carga excesivas ni niveles de ruido molestos.

* + 1. Sección mínima de rejilla

Se obtiene con la expresión

Donde,

Sr: Sección mínima neta de rejilla (m2).

Esta sección debe sobredimensionarse con el coeficiente de ocupación de la persiana de láminas:

Siendo Kv=0,3

Se dimensionan las rejillas para la cámara más desfavorable que es la CT-14:

Se han diseñado los pozos de ventilación con una sección de 0.35 m2, por lo que disponen de unas dimensiones mayores de las requeridas.

* + 1. Ventiladores

Los ventiladores serán Siemens 2CC2 404-5YD6 o similar, de las siguientes características:

* Transportan grandes caudales con pequeños aumentos de presión.
* Serán axiales y por tanto apropiados para la extracción o inyección de aire en general, gases y vapores y para disipar el calor producido por equipos que requieran constante refrigeración, tales como transformadores de potencia.
* Aptos para ser instalados sobre paredes o ductos, en cualquier posición axial. Para su montaje debe tenerse en cuenta si se requiere realizar extracción o inyección de aire, ya que el aire debe circular en dirección de las aspas hacia el motor, para lo cual el sentido de giro del motor debe ser hacia la derecha. Un cambio en el sentido de rotación reduce en un 35% el caudal nominal de aire.
* Motor sin interruptor centrífugo, arranque por condensador.
* Diámetro de 400 mm.
* Caudal 1.45 m3 /s.
* Tensiones de 220 VAC y 440 VAC a 60Hz.
* Velocidad de 1800 rpm.
* Motor en carcasa de acero, totalmente cerrado, IP54.
* Aspa plástica o metálica.
* Potencia 0.2 kW.
* Nivel de ruido 74 dB.
  1. Alumbrado

En el documento insertado, se puede observar el estudio lumínico realizado en el ANEXO V.I

* 1. Sistema de drenaje y bombeo

El sistema de drenaje estará formado por un dren longitudinal de 160 mm. de diámetro, dispuesto a lo largo del perímetro de la cámara y manteniéndose en un plano horizontal a un nivel inferior al de la solera, con una pendiente mínima del 1,5%. El tubo dren debe rodearse de una capa de árido y ésta, a su vez, envolverse totalmente con una lámina filtrante que evite el arrate de finos al interior del dren.

Si el árido es de aluvión el espesor mínimo del recubrimiento de la capa de árido que envuelve el tubo dren debe ser, en cualquier punto, como mínimo 1,5 veces el diámetro del dren. Si el árido es de machaqueo el espesor mínimo del recubrimiento de la capa de árido que envuelve el tubo dren debe ser, en cualquier punto, como mínimo 3 veces el diámetro del dren.

El desagüe se efectuará a la red municipal mediante un pozo de bombeo construido con hormigón de resistencia 180 kg/cm2. En su interior se colocarán dos bombas sumergibles con la finalidad de extraer el agua cuando se supere el nivel determinado. Tendrán un funcionamiento alternativo en condiciones normales, de forma que no funcionen simultáneamente hasta llegar a la situación en que se supere el segundo nivel de agua.

Los detalles del sistema de bombeo pueden observarse en el plano de instalaciones auxiliares de cámaras subterráneas.

* + 1. Cálculo del caudal de drenaje

Se considera que no existen capas impermeables de terreno por encima del arranque del muro, por lo que el caudal de achique de cada bomba individual se obtiene de la siguiente manera:



Siendo:

q: el caudal de drenaje por metro lineal de muro debido al encuentro con una capa freática [m3/(s.m)].

Ks: el coeficiente de permeabilidad del terreno [m/s].

H: la diferencia entre la profundidad de la cara superior de la capa impermeable y el nivel freático antes de la intervención [m].

ho: la diferencia entre la profundidad de la cara superior de la capa impermeable y el nivel freático en el punto del terreno donde está situado el tubo drenante [m].

R: el radio de acción del drenaje, equivalente a la distancia de la zona de recarga del acuífero [m].

Introduciendo los siguientes valores:

Ks = 10-3 cm/s, valor establecido para terrenos de arena limpia o con mezcla de arena y grava.

H = 4 m.

h0 = 0,5 m., dimensionando para el caso más desfavorable que es el de lluvia torrencial repentina, estando el nivel freático en la cota de rasante.

R = 50 m.

Se obtiene un caudal de drenaje de q = 32.3 m3/h.

* + 1. Cálculo de las bombas
       1. Pérdidas de carga

Pérdidas de carga en tramos rectos de tubería:

Donde,

L: Longitud de tubería (m)

V: Velocidad del fluido (m/s)

D: Diámetro de la tubería (m)

λ:Coeficiente de fricción (adimensional)

Tomando los siguientes valores:

L= 7,5 m.

D = 0.05 m.

Para un caudal de 32.3 m3/h, se obtiene una velocidad de 4.57 m/s.

λ = 0.06.

Se calcula el valor de hc = 9,6 m.

Pérdidas de carga localizadas:

Donde k es un coeficiente adimensional para cada tipo de elemento de que dispone la instalación:

4 codos 90º: k = 0,75

Una derivación en T: k = 1,8

Válvula de compuerta totalmente abierta: k = 0,2

hs = 5.33 m.

* + - 1. Elección de las bombas

Con el caudal y las pérdidas de carga se seleccionan las electrobombas totalmente sumergibles, verticales, monobloc, IP 68, de una etapa, con control de nivel, profundidad de inmersión máxima hasta 10 m. Serán KSB Ama®-Drainer 400/10 400/35 500/10/11 o similar, de las siguientes características:

Q hasta 50 (m3/h).

H hasta 24 m.

T hasta +40ºC.

* 1. Señalización

Se utilizará señalización reflectante de riesgo eléctrico en todos los equipos que trabajen en tensión, en la puerta de entrada a la zona de transformadores. Asimismo, se colocará una señal reflectante de salida antes del desembarco de la escalera de salida al exterior.

1. Calculo de estructura de la cámara
   1. Datos considerados

**Normas consideradas**

Hormigón: ACI 318M-08

Aceros conformados: AISI/NASPEC-2007 (LRFD)

Aceros laminados y armados: ANSI/AISC 360-05 (LRFD)

**Acciones Consideradas**

S.C.U. (t/m2): 0,40

Sin acción del viento

Sismo: Código ecuatoriano de la construcción. Requisitos generales de diseño: peligro sísmico, espectros de diseño y requisitos mínimos de cálculos para diseño sismo-resistente.

* Acción sísmica según X
* Acción sísmica según Y
* Número de modos: 3
* Factor de reducción. (X): 10.0
* Factor de reducción. (Y): 10.0
* Coeficiente de regularidad en planta: 0.9
* Coeficiente de regularidad en elevación: 0.9
* Zona sísmica: III
* Tipo de suelo: S2
* Importancia de la obra: Edificaciones esenciales y/o peligrosas
* Fracción de sobrecarga de uso: 0.50
* Factor de amplificación del espectro: 1.00

**Hipótesis de Carga**

|  |  |
| --- | --- |
| Automáticas | Carga permanente  Sobrecarga de uso  Sismo X  Sismo Y |

**Empujes de Muros**

Empuje de Defecto

Una situación de relleno

Carga: Sobrecarga de uso

Con nivel freático: Cota -3.00 m

Con relleno: Cota 0.00 m

Ángulo de talud 0.00 Grados

Densidad aparente 1.90 t/m³

Densidad sumergida 1.10 t/m³

Ángulo rozamiento interno 30.00 Grados

Evacuación por drenaje 100.00 %

**Listado de Cargas**

Cargas especiales introducidas (en Tm, Tm/m y Tm/m2)

| Grupo | Hipótesis | Tipo | Valor | Coordenadas |
| --- | --- | --- | --- | --- |
| 1 | Carga permanente | Lineal | 0.44 | ( 8.68, 1.37) ( 10.73, 1.37) |
|  | Carga permanente | Lineal | 0.44 | ( 8.68, 1.37) ( 8.68, 4.23) |
|  | Carga permanente | Lineal | 0.44 | ( 8.68, 4.23) ( 10.73, 4.23) |
|  | Carga permanente | Lineal | 0.44 | ( 10.73, 1.37) ( 10.73, 4.23) |
|  | Carga permanente | Lineal | 0.22 | ( 1.68, 0.15) ( 1.68, 1.45) |

**Estados Límite**

|  |  |
| --- | --- |
| E.L.U. de rotura. Hormigón  E.L.U. de rotura. Hormigón en cimentaciones | ACI 318M-08  ASCE 7-05 |
| Tensiones sobre el terreno  Desplazamientos | Acciones características |

**Situación de Proyecto**

Para las distintas situaciones de proyecto, las combinaciones de acciones se definirán de acuerdo con los siguientes criterios:

**- Situaciones persistentes o transitorias**

image5.wmf

**- Situaciones sísmicas**

image6.wmf

- Donde:

|  |  |
| --- | --- |
| Gk | Acción permanente |
| Qk | Acción variable |
| AE | Acción sísmica |
| G | Coeficiente parcial de seguridad de las acciones permanentes |
| Q,1 | Coeficiente parcial de seguridad de la acción variable principal |
| Q,i | Coeficiente parcial de seguridad de las acciones variables de acompañamiento |
| AE | Coeficiente parcial de seguridad de la acción sísmica |

**Coeficientes parciales de seguridad () y coeficientes de combinación ()**

Para cada situación de proyecto y estado límite los coeficientes a utilizar serán:

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**E.L.U. de rotura. Hormigón en cimentaciones: ACI 318M-08**

| **(9-1)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.400 | 1.400 |
| Sobrecarga (Q) |  |  |

| **(9-2 Lr)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 1.600 |

| **(9-2 S)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 1.600 |

| **(9-3 Lr, L)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.500 |

| **(9-3 S, L)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.500 |

| **(9-3 Lr, W)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.000 |

| **(9-3 S, W)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) |  |  |

| **(9-4 Lr)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.500 |

| **(9-4 S)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.500 |

| **(9-5)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.200 | 1.200 |
| Sobrecarga (Q) | 0.000 | 0.500 |
| Sismo (E) | -1.000 | 1.000 |

| **(9-6)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 0.900 | 0.900 |
| Sobrecarga (Q) |  |  |

| **(9-7)** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 0.900 | 0.900 |
| Sobrecarga (Q) |  |  |
| Sismo (E) | -1.000 | 1.000 |

**Tensiones sobre el terreno**

| **Acciones variables sin sismo** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.000 | 1.000 |
| Sobrecarga (Q) | 0.000 | 1.000 |

| **Sísmica** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.000 | 1.000 |
| Sobrecarga (Q) | 0.000 | 1.000 |
| Sismo (E) | -1.000 | 1.000 |

**Desplazamientos**

| **Acciones variables sin sismo** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.000 | 1.000 |
| Sobrecarga (Q) | 0.000 | 1.000 |

| **Sísmica** | | |
| --- | --- | --- |
|  | Coeficientes parciales de seguridad () | |
| Favorable | Desfavorable |
| Carga permanente (G) | 1.000 | 1.000 |
| Sobrecarga (Q) | 0.000 | 1.000 |
| Sismo (E) | -1.000 | 1.000 |

**Combinaciones**

* **Nombres de las hipótesis**

|  |  |
| --- | --- |
| G | Carga permanente |
| Qa | Sobrecarga de uso |
| SX | Sismo X |
| SY | Sismo Y |

* **E.L.U. de rotura. Hormigón**
* **E.L.U. de rotura. Hormigón en cimentaciones**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.400 |  |  |  |
| 2 | 1.200 | 1.600 |  |  |
| 3 | 1.200 | 0.500 |  |  |
| 4 | 1.200 |  | -1.000 |  |
| 5 | 1.200 | 0.500 | -1.000 |  |
| 6 | 1.200 |  | 1.000 |  |
| 7 | 1.200 | 0.500 | 1.000 |  |
| 8 | 1.200 |  |  | -1.000 |
| 9 | 1.200 | 0.500 |  | -1.000 |
| 10 | 1.200 |  |  | 1.000 |
| 11 | 1.200 | 0.500 |  | 1.000 |
| 12 | 0.900 |  |  |  |
| 13 | 0.900 |  | -1.000 |  |
| 14 | 0.900 |  | 1.000 |  |
| 15 | 0.900 |  |  | -1.000 |
| 16 | 0.900 |  |  | 1.000 |

* **Tensiones sobre el terreno**
* **Desplazamientos**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.000 | 1.000 |  |  |
| 3 | 1.000 |  | -1.000 |  |
| 4 | 1.000 | 1.000 | -1.000 |  |
| 5 | 1.000 |  | 1.000 |  |
| 6 | 1.000 | 1.000 | 1.000 |  |
| 7 | 1.000 |  |  | -1.000 |
| 8 | 1.000 | 1.000 |  | -1.000 |
| 9 | 1.000 |  |  | 1.000 |
| 10 | 1.000 | 1.000 |  | 1.000 |

* **Nombres de las hipótesis**

|  |  |
| --- | --- |
| G | Carga permanente |
| Qa | Sobrecarga de uso |
| SX | Sismo X |
| SY | Sismo Y |

* **E.L.U. de rotura. Hormigón**
* **E.L.U. de rotura. Hormigón en cimentaciones**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.400 |  |  |  |
| 2 | 1.200 | 1.600 |  |  |
| 3 | 1.200 | 0.500 |  |  |
| 4 | 1.200 |  | -1.000 |  |
| 5 | 1.200 | 0.500 | -1.000 |  |
| 6 | 1.200 |  | 1.000 |  |
| 7 | 1.200 | 0.500 | 1.000 |  |
| 8 | 1.200 |  |  | -1.000 |
| 9 | 1.200 | 0.500 |  | -1.000 |
| 10 | 1.200 |  |  | 1.000 |
| 11 | 1.200 | 0.500 |  | 1.000 |
| 12 | 0.900 |  |  |  |
| 13 | 0.900 |  | -1.000 |  |
| 14 | 0.900 |  | 1.000 |  |
| 15 | 0.900 |  |  | -1.000 |
| 16 | 0.900 |  |  | 1.000 |

* **Tensiones sobre el terreno**
* **Desplazamientos**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.000 | 1.000 |  |  |
| 3 | 1.000 |  | -1.000 |  |
| 4 | 1.000 | 1.000 | -1.000 |  |
| 5 | 1.000 |  | 1.000 |  |
| 6 | 1.000 | 1.000 | 1.000 |  |
| 7 | 1.000 |  |  | -1.000 |
| 8 | 1.000 | 1.000 |  | -1.000 |
| 9 | 1.000 |  |  | 1.000 |
| 10 | 1.000 | 1.000 |  | 1.000 |

**Datos geométricos de pilares, pantallas y muros**

a) Muros

- Las coordenadas de los vértices inicial y final son absolutas.

- Las dimensiones están expresadas en metros.

**Datos geométricos del muro**

| Referencia | Tipo muro | GI- GF | Vértices  Inicial Final | Planta | Dimensiones  Izquierda+Derecha=Total |
| --- | --- | --- | --- | --- | --- |
| M2 | Muro de hormigón armado | 0-1 | ( 0.15, 0.15) ( 11.00, 0.15) | 1 | 0.15+0.15=0.3 |
| M3 | Muro de hormigón armado | 0-1 | ( 11.00, 0.15) ( 11.00, 1.20) | 1 | 0.15+0.15=0.3 |
| M4 | Muro de hormigón armado | 0-1 | ( 11.00, 1.20) ( 11.70, 1.20) | 1 | 0.15+0.15=0.3 |
| M5 | Muro de hormigón armado | 0-1 | ( 11.70, 1.20) ( 11.70, 5.45) | 1 | 0.15+0.15=0.3 |
| M6 | Muro de hormigón armado | 0-1 | ( 2.10, 5.45) ( 11.70, 5.45) | 1 | 0.15+0.15=0.3 |
| M7 | Muro de hormigón armado | 0-1 | ( 2.10, 1.45) ( 2.10, 5.45) | 1 | 0.15+0.15=0.3 |
| M8 | Muro de hormigón armado | 0-1 | ( 0.15, 0.15) ( 0.15, 1.45) | 1 | 0.15+0.15=0.3 |
| M11 | Muro de hormigón armado | 0-1 | ( 0.15, 1.45) ( 2.10, 1.45) | 1 | 0.15+0.15=0.3 |

**Empujes y zapata del muro**

| Referencia | Empujes | Zapata del muro |
| --- | --- | --- |
| M2 | Empuje izquierdo:  Sin empujes  Empuje derecho:  Empuje de Defecto | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M3 | Empuje izquierdo:  Sin empujes  Empuje derecho:  Empuje de Defecto | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M4 | Empuje izquierdo:  Sin empujes  Empuje derecho:  Empuje de Defecto | Zapata corrida: 1.400 x 0.300  Vuelos: izq.:0.55 der.:0.55 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M5 | Empuje izquierdo:  Sin empujes  Empuje derecho:  Empuje de Defecto | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M6 | Empuje izquierdo:  Empuje de Defecto  Empuje derecho:  Sin empujes | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M7 | Empuje izquierdo:  Empuje de Defecto  Empuje derecho:  Sin empujes | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M8 | Empuje izquierdo:  Empuje de Defecto  Empuje derecho:  Sin empujes | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |
| M11 | Empuje izquierdo:  Empuje de Defecto  Empuje derecho:  Sin empujes | Zapata corrida: 0.800 x 0.300  Vuelos: izq.:0.25 der.:0.25 canto:0.30  Módulo de balasto: 12000.00 t/m³ |

**Losas y elementos de cimentación**

-Tensión admisible en situaciones persistentes: 4.00 kp/cm²

-Tensión admisible en situaciones accidentales: 3.00 kp/cm²

**Materiales utilizados**

1. **Hormigones**

Para todos los elementos estructurales de la obra: f'c=240; fck = 240 kp/cm²; c = 1.00

1. **Aceros por elemento y posición**

* Aceros en barras

Para todos los elementos estructurales de la obra: Grado 40 (Latinoamérica); fyk = 2800 kp/cm²; s = 1.00

* Aceros en perfiles

| Tipo de acero para perfiles | Acero | Límite elástico (kp/cm²) | Módulo de elasticidad (kp/cm²) |
| --- | --- | --- | --- |
| Aceros conformados | ASTM A 36 36 ksi | 2548 | 2069317 |
| Aceros laminados | ASTM A 36 36 ksi | 2548 | 2038736 |

* 1. Coeficientes de participación

|  | T | Lx | Ly | Lgz | Mx | My | Hipótesis X(1) | Hipótesis Y(1) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Modo 1 | 0.066 | 0.1295 | 0.9705 | 0.2032 | 1.04 % | 97.41 % | R = 10  A = 1.635 m/s²  D = 0.18152 mm | R = 10  A = 1.635 m/s²  D = 0.18152 mm |
| Modo 2 | 0.047 | 0.9513 | 0.1188 | 0.2844 | 98.96 % | 2.58 % | R = 10  A = 1.635 m/s²  D = 0.09305 mm | R = 10  A = 1.635 m/s²  D = 0.09305 mm |
| Modo 3 | 0.014 | 0.0024 | 0.0376 | 1 | 0 % | 0.01 % | R = 10  A = 1.635 m/s²  D = 0.00814 mm | R = 10  A = 1.635 m/s²  D = 0.00814 mm |

* T = Periodo de vibración en segundos.
* Lx, Ly, Lgz = Coeficientes de participación normalizados en cada dirección del análisis.
* Mx, My = Porcentaje de masa desplazada por cada modo en cada dirección del análisis.
* R = Relación entre la aceleración de cálculo usando la ductilidad asignada a la estructura y la aceleración de cálculo obtenida sin ductilidad.
* A = Aceleración de cálculo, incluyendo la ductilidad.
* D = Coeficiente del modo, equivale al desplazamiento máximo del grado de libertad dinámico.

|  | Masa total desplazada |
| --- | --- |
| Masa X | 100 % |
| Masa Y | 100 % |

* 1. Desplazamientos en nudos de losas y reticulares

Desplazamiento en mm. Giros en radianes x 1000

| Coord. X | Coord. Y |  | Desp. Z | Giro X | Giro Y |
| --- | --- | --- | --- | --- | --- |
| 1.755 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4561  -0.0512  -0.0093  -0.1010  -0.0000  -0.0694  -0.0126  -0.0000 | -0.0402  0.1812  0.0062  0.0060  0.0000  0.0468  0.0007  0.0002 | 0.0057  -0.0088  0.0022  -0.0374  0.0000  0.0167  -0.0047  0.0007 |
| 1.755 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4629  -0.0345  -0.0081  -0.1000  0.0000  -0.0604  -0.0125  0.0000 | -0.0133  0.0293  0.0039  0.0100  -0.0000  0.0292  0.0012  -0.0002 | 0.0207  0.0041  0.0008  -0.0253  0.0000  0.0062  -0.0032  0.0001 |
| 1.755 | 0.800 | 1  2  3  4  5  6  7  8 | -0.4626  -0.0406  -0.0073  -0.0970  -0.0000  -0.0545  -0.0121  -0.0001 | 0.0079  -0.0409  0.0035  0.0122  -0.0000  0.0259  0.0015  -0.0003 | 0.0314  -0.0114  0.0005  -0.0248  0.0000  0.0039  -0.0031  0.0000 |
| 1.755 | 1.050 | 1  2  3  4  5  6  7  8 | -0.4581  -0.0570  -0.0064  -0.0938  -0.0000  -0.0479  -0.0117  -0.0002 | 0.0142  -0.0580  0.0047  0.0116  -0.0000  0.0349  0.0014  -0.0001 | 0.0347  -0.0209  0.0005  -0.0245  0.0000  0.0037  -0.0031  0.0000 |
| 1.755 | 1.300 | 1  2  3  4  5  6  7  8 | -0.4546  -0.0711  -0.0048  -0.0908  -0.0000  -0.0360  -0.0113  -0.0001 | -0.0064  -0.0213  0.0074  0.0068  0.0000  0.0558  0.0009  0.0005 | 0.0256  -0.0217  -0.0011  -0.0282  -0.0000  -0.0084  -0.0035  -0.0004 |
| 1.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4587  -0.0496  -0.0092  -0.0979  0.0000  -0.0692  -0.0122  0.0000 | -0.0515  0.1991  0.0061  0.0062  0.0000  0.0458  0.0008  0.0002 | 0.0062  -0.0079  0.0021  -0.0370  0.0000  0.0157  -0.0046  0.0007 |
| 1.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4661  -0.0355  -0.0082  -0.0957  -0.0000  -0.0615  -0.0120  -0.0000 | -0.0210  0.0350  0.0040  0.0101  -0.0000  0.0297  0.0013  -0.0002 | 0.0252  -0.0044  0.0008  -0.0262  0.0000  0.0058  -0.0033  0.0001 |
| 1.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.4676  -0.0387  -0.0074  -0.0928  -0.0000  -0.0552  -0.0116  -0.0001 | 0.0021  -0.0323  0.0035  0.0120  -0.0000  0.0266  0.0015  -0.0003 | 0.0374  -0.0139  0.0004  -0.0248  0.0000  0.0033  -0.0031  0.0000 |
| 1.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.4636  -0.0534  -0.0065  -0.0896  -0.0000  -0.0486  -0.0112  -0.0002 | 0.0163  -0.0565  0.0044  0.0117  -0.0000  0.0327  0.0015  -0.0001 | 0.0424  -0.0210  0.0002  -0.0248  -0.0000  0.0019  -0.0031  -0.0000 |
| 1.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.4563  -0.0712  -0.0054  -0.0866  -0.0000  -0.0402  -0.0108  -0.0002 | -0.0006  -0.0212  0.0076  0.0074  0.0000  0.0573  0.0009  0.0006 | 0.0326  -0.0224  -0.0010  -0.0280  -0.0000  -0.0076  -0.0035  -0.0004 |
| 2.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4623  -0.0484  -0.0093  -0.0921  0.0000  -0.0699  -0.0115  0.0000 | -0.0661  0.2125  0.0061  0.0065  0.0000  0.0455  0.0008  0.0002 | 0.0067  -0.0077  0.0021  -0.0375  0.0000  0.0156  -0.0047  0.0007 |
| 2.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4735  -0.0335  -0.0083  -0.0896  -0.0000  -0.0624  -0.0112  -0.0000 | -0.0377  0.0427  0.0040  0.0104  -0.0000  0.0303  0.0013  -0.0002 | 0.0385  -0.0128  0.0005  -0.0255  0.0000  0.0038  -0.0032  0.0001 |
| 2.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.4790  -0.0344  -0.0074  -0.0867  -0.0000  -0.0557  -0.0108  -0.0001 | -0.0124  -0.0244  0.0036  0.0120  -0.0000  0.0273  0.0015  -0.0003 | 0.0615  -0.0212  0.0001  -0.0240  -0.0000  0.0009  -0.0030  -0.0000 |
| 2.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.4769  -0.0476  -0.0066  -0.0835  -0.0000  -0.0492  -0.0104  -0.0002 | 0.0130  -0.0545  0.0042  0.0120  -0.0000  0.0313  0.0015  -0.0002 | 0.0778  -0.0277  -0.0001  -0.0240  -0.0000  -0.0010  -0.0030  -0.0001 |
| 2.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.4633  -0.0673  -0.0057  -0.0803  -0.0000  -0.0424  -0.0100  -0.0003 | 0.0045  -0.0216  0.0081  0.0086  0.0000  0.0609  0.0011  0.0007 | 0.0422  -0.0236  -0.0008  -0.0275  -0.0000  -0.0057  -0.0034  -0.0003 |
| 2.250 | 1.550 | 1  2  3  4  5  6  7  8 | -0.4681  -0.0703  -0.0038  -0.0766  -0.0000  -0.0287  -0.0096  -0.0001 | 0.0021  -0.0191  0.0084  0.0086  0.0000  0.0632  0.0011  0.0008 | 0.0610  -0.0263  -0.0001  -0.0267  -0.0000  -0.0009  -0.0033  -0.0002 |
| 2.250 | 1.800 | 1  2  3  4  5  6  7  8 | -0.4713  -0.0714  -0.0023  -0.0758  -0.0000  -0.0172  -0.0095  -0.0001 | 0.0008  -0.0170  0.0089  0.0091  0.0001  0.0666  0.0011  0.0009 | 0.0854  -0.0407  0.0003  -0.0265  -0.0000  0.0021  -0.0033  -0.0001 |
| 2.250 | 2.050 | 1  2  3  4  5  6  7  8 | -0.4769  -0.0711  -0.0007  -0.0751  -0.0000  -0.0054  -0.0094  -0.0001 | 0.0001  -0.0159  0.0089  0.0091  0.0001  0.0668  0.0011  0.0009 | 0.1183  -0.0586  0.0005  -0.0261  -0.0000  0.0035  -0.0033  -0.0001 |
| 2.250 | 2.300 | 1  2  3  4  5  6  7  8 | -0.4803  -0.0699  0.0009  -0.0745  -0.0000  0.0066  -0.0093  -0.0000 | 0.0002  -0.0153  0.0090  0.0093  0.0001  0.0676  0.0012  0.0009 | 0.1382  -0.0788  0.0006  -0.0260  -0.0000  0.0046  -0.0032  -0.0000 |
| 2.250 | 2.550 | 1  2  3  4  5  6  7  8 | -0.4839  -0.0686  0.0025  -0.0739  0.0000  0.0185  -0.0092  0.0000 | 0.0002  -0.0145  0.0090  0.0091  0.0001  0.0673  0.0011  0.0009 | 0.1565  -0.0986  0.0007  -0.0258  -0.0000  0.0054  -0.0032  -0.0000 |
| 2.250 | 2.800 | 1  2  3  4  5  6  7  8 | -0.4857  -0.0675  0.0041  -0.0734  0.0000  0.0305  -0.0092  0.0001 | 0.0008  -0.0143  0.0090  0.0091  0.0001  0.0673  0.0011  0.0009 | 0.1657  -0.1137  0.0008  -0.0257  -0.0000  0.0062  -0.0032  -0.0000 |
| 2.250 | 3.050 | 1  2  3  4  5  6  7  8 | -0.4881  -0.0666  0.0057  -0.0729  0.0000  0.0427  -0.0091  0.0001 | 0.0014  -0.0135  0.0088  0.0086  0.0001  0.0661  0.0011  0.0008 | 0.1760  -0.1280  0.0009  -0.0254  -0.0000  0.0069  -0.0032  -0.0000 |
| 2.250 | 3.300 | 1  2  3  4  5  6  7  8 | -0.4880  -0.0661  0.0073  -0.0724  0.0000  0.0549  -0.0090  0.0002 | 0.0022  -0.0133  0.0087  0.0082  0.0001  0.0654  0.0010  0.0008 | 0.1727  -0.1371  0.0010  -0.0252  -0.0000  0.0076  -0.0031  -0.0000 |
| 2.250 | 3.550 | 1  2  3  4  5  6  7  8 | -0.4891  -0.0663  0.0090  -0.0718  0.0000  0.0674  -0.0090  0.0003 | 0.0029  -0.0123  0.0084  0.0071  0.0000  0.0631  0.0009  0.0007 | 0.1744  -0.1422  0.0011  -0.0248  0.0000  0.0085  -0.0031  0.0000 |
| 2.250 | 3.800 | 1  2  3  4  5  6  7  8 | -0.4876  -0.0668  0.0107  -0.0713  0.0000  0.0799  -0.0089  0.0003 | 0.0039  -0.0121  0.0082  0.0059  0.0000  0.0612  0.0007  0.0006 | 0.1621  -0.1434  0.0013  -0.0244  0.0000  0.0094  -0.0030  0.0000 |
| 2.250 | 4.050 | 1  2  3  4  5  6  7  8 | -0.4877  -0.0684  0.0124  -0.0707  0.0000  0.0926  -0.0088  0.0004 | 0.0048  -0.0109  0.0077  0.0039  0.0000  0.0575  0.0005  0.0005 | 0.1564  -0.1386  0.0014  -0.0236  0.0000  0.0107  -0.0029  0.0000 |
| 2.250 | 4.300 | 1  2  3  4  5  6  7  8 | -0.4866  -0.0705  0.0140  -0.0704  0.0000  0.1053  -0.0088  0.0005 | 0.0064  -0.0107  0.0071  0.0015  0.0000  0.0533  0.0002  0.0003 | 0.1425  -0.1281  0.0017  -0.0227  0.0000  0.0124  -0.0028  0.0001 |
| 2.250 | 4.550 | 1  2  3  4  5  6  7  8 | -0.4856  -0.0732  0.0155  -0.0716  0.0000  0.1161  -0.0089  0.0004 | 0.0095  -0.0126  0.0067  -0.0003  0.0000  0.0501  -0.0000  0.0002 | 0.1226  -0.1043  0.0018  -0.0222  0.0000  0.0135  -0.0028  0.0001 |
| 2.250 | 4.800 | 1  2  3  4  5  6  7  8 | -0.4829  -0.0754  0.0163  -0.0761  0.0000  0.1221  -0.0095  0.0002 | 0.0120  -0.0157  0.0061  -0.0032  -0.0000  0.0457  -0.0004  -0.0000 | 0.0893  -0.0684  0.0015  -0.0243  -0.0000  0.0115  -0.0030  -0.0000 |
| 2.250 | 5.050 | 1  2  3  4  5  6  7  8 | -0.4776  -0.0784  0.0169  -0.0814  -0.0000  0.1270  -0.0102  -0.0001 | 0.0153  -0.0210  0.0058  -0.0046  -0.0000  0.0434  -0.0006  -0.0001 | 0.0498  -0.0322  0.0010  -0.0279  -0.0000  0.0077  -0.0035  -0.0002 |
| 2.250 | 5.300 | 1  2  3  4  5  6  7  8 | -0.4709  -0.0845  0.0178  -0.0853  -0.0000  0.1334  -0.0107  -0.0003 | 0.0172  -0.0236  0.0054  -0.0062  -0.0000  0.0407  -0.0008  -0.0002 | 0.0193  -0.0077  0.0006  -0.0315  -0.0000  0.0046  -0.0039  -0.0004 |
| 2.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4667  -0.0472  -0.0094  -0.0864  0.0000  -0.0707  -0.0108  0.0000 | -0.0845  0.2261  0.0060  0.0067  0.0000  0.0452  0.0008  0.0001 | 0.0073  -0.0071  0.0020  -0.0374  0.0000  0.0148  -0.0047  0.0007 |
| 2.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4849  -0.0296  -0.0084  -0.0838  -0.0000  -0.0627  -0.0105  -0.0000 | -0.0680  0.0532  0.0043  0.0104  -0.0000  0.0320  0.0013  -0.0002 | 0.0566  -0.0178  0.0003  -0.0246  0.0000  0.0022  -0.0031  0.0000 |
| 2.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.4987  -0.0279  -0.0074  -0.0809  -0.0000  -0.0555  -0.0101  -0.0001 | -0.0484  -0.0145  0.0039  0.0116  -0.0000  0.0294  0.0015  -0.0002 | 0.0990  -0.0280  -0.0002  -0.0227  -0.0000  -0.0015  -0.0028  -0.0001 |
| 2.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.5063  -0.0384  -0.0064  -0.0779  -0.0000  -0.0483  -0.0097  -0.0001 | -0.0295  -0.0461  0.0043  0.0114  -0.0000  0.0323  0.0014  -0.0001 | 0.1490  -0.0379  -0.0006  -0.0218  -0.0000  -0.0043  -0.0027  -0.0002 |
| 2.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.5099  -0.0523  -0.0053  -0.0751  -0.0000  -0.0397  -0.0094  -0.0002 | -0.0288  -0.0416  0.0056  0.0092  0.0000  0.0418  0.0012  0.0001 | 0.2049  -0.0461  -0.0009  -0.0211  -0.0000  -0.0066  -0.0026  -0.0003 |
| 2.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5161  -0.0612  -0.0038  -0.0732  -0.0000  -0.0287  -0.0091  -0.0001 | -0.0349  -0.0273  0.0062  0.0068  0.0000  0.0468  0.0009  0.0002 | 0.2483  -0.0395  -0.0003  -0.0214  -0.0000  -0.0023  -0.0027  -0.0001 |
| 2.425 | 1.800 | 1  2  3  4  5  6  7  8 | -0.5250  -0.0655  -0.0023  -0.0719  -0.0000  -0.0174  -0.0090  -0.0001 | -0.0390  -0.0146  0.0065  0.0051  0.0000  0.0486  0.0006  0.0003 | 0.2862  -0.0318  0.0000  -0.0223  -0.0000  0.0001  -0.0028  -0.0001 |
| 2.425 | 2.050 | 1  2  3  4  5  6  7  8 | -0.5348  -0.0668  -0.0008  -0.0711  -0.0000  -0.0058  -0.0089  -0.0000 | -0.0368  -0.0057  0.0066  0.0042  0.0000  0.0494  0.0005  0.0003 | 0.3185  -0.0272  0.0002  -0.0229  -0.0000  0.0018  -0.0029  -0.0001 |
| 2.425 | 2.300 | 1  2  3  4  5  6  7  8 | -0.5433  -0.0662  0.0008  -0.0704  -0.0000  0.0059  -0.0088  -0.0000 | -0.0297  -0.0001  0.0067  0.0037  0.0000  0.0499  0.0005  0.0003 | 0.3450  -0.0264  0.0004  -0.0233  -0.0000  0.0033  -0.0029  -0.0001 |
| 2.425 | 2.550 | 1  2  3  4  5  6  7  8 | -0.5498  -0.0646  0.0024  -0.0698  0.0000  0.0177  -0.0087  0.0000 | -0.0205  0.0031  0.0067  0.0034  0.0000  0.0502  0.0004  0.0003 | 0.3634  -0.0288  0.0006  -0.0234  -0.0000  0.0045  -0.0029  -0.0000 |
| 2.425 | 2.800 | 1  2  3  4  5  6  7  8 | -0.5539  -0.0627  0.0040  -0.0692  0.0000  0.0296  -0.0087  0.0001 | -0.0102  0.0046  0.0067  0.0031  0.0000  0.0505  0.0004  0.0003 | 0.3730  -0.0333  0.0007  -0.0233  -0.0000  0.0056  -0.0029  -0.0000 |
| 2.425 | 3.050 | 1  2  3  4  5  6  7  8 | -0.5557  -0.0607  0.0056  -0.0687  0.0000  0.0416  -0.0086  0.0001 | 0.0006  0.0049  0.0068  0.0029  0.0000  0.0506  0.0004  0.0003 | 0.3727  -0.0394  0.0009  -0.0231  -0.0000  0.0068  -0.0029  -0.0000 |
| 2.425 | 3.300 | 1  2  3  4  5  6  7  8 | -0.5547  -0.0590  0.0072  -0.0683  0.0000  0.0537  -0.0085  0.0002 | 0.0113  0.0040  0.0068  0.0027  0.0000  0.0508  0.0003  0.0003 | 0.3631  -0.0461  0.0011  -0.0227  0.0000  0.0080  -0.0028  0.0000 |
| 2.425 | 3.550 | 1  2  3  4  5  6  7  8 | -0.5515  -0.0578  0.0088  -0.0678  0.0000  0.0659  -0.0085  0.0003 | 0.0213  0.0024  0.0067  0.0022  0.0000  0.0505  0.0003  0.0003 | 0.3433  -0.0530  0.0013  -0.0220  0.0000  0.0097  -0.0027  0.0001 |
| 2.425 | 3.800 | 1  2  3  4  5  6  7  8 | -0.5459  -0.0573  0.0104  -0.0675  0.0000  0.0781  -0.0084  0.0003 | 0.0305  -0.0001  0.0066  0.0013  0.0000  0.0497  0.0002  0.0002 | 0.3150  -0.0592  0.0016  -0.0208  0.0000  0.0118  -0.0026  0.0001 |
| 2.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.5386  -0.0577  0.0120  -0.0674  0.0000  0.0901  -0.0084  0.0004 | 0.0387  -0.0034  0.0063  -0.0006  0.0000  0.0476  -0.0001  0.0001 | 0.2776  -0.0639  0.0020  -0.0190  0.0000  0.0149  -0.0024  0.0002 |
| 2.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.5293  -0.0591  0.0135  -0.0680  0.0000  0.1014  -0.0085  0.0004 | 0.0468  -0.0073  0.0058  -0.0041  -0.0000  0.0431  -0.0005  -0.0001 | 0.2328  -0.0658  0.0025  -0.0168  0.0000  0.0186  -0.0021  0.0004 |
| 2.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5181  -0.0617  0.0148  -0.0698  0.0000  0.1110  -0.0087  0.0003 | 0.0545  -0.0124  0.0049  -0.0088  -0.0000  0.0368  -0.0011  -0.0004 | 0.1809  -0.0625  0.0027  -0.0159  0.0000  0.0206  -0.0020  0.0004 |
| 2.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5049  -0.0654  0.0158  -0.0733  0.0000  0.1185  -0.0092  0.0001 | 0.0602  -0.0196  0.0042  -0.0126  -0.0000  0.0316  -0.0016  -0.0006 | 0.1259  -0.0520  0.0023  -0.0189  0.0000  0.0173  -0.0024  0.0003 |
| 2.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.4902  -0.0711  0.0167  -0.0774  -0.0000  0.1250  -0.0097  -0.0001 | 0.0605  -0.0318  0.0042  -0.0126  -0.0000  0.0314  -0.0016  -0.0006 | 0.0742  -0.0359  0.0016  -0.0236  -0.0000  0.0118  -0.0030  -0.0000 |
| 2.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.4760  -0.0791  0.0176  -0.0813  -0.0000  0.1317  -0.0102  -0.0003 | 0.0499  -0.0668  0.0056  -0.0049  -0.0000  0.0421  -0.0006  -0.0002 | 0.0135  -0.0062  0.0003  -0.0355  -0.0000  0.0019  -0.0044  -0.0006 |
| 2.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4716  -0.0457  -0.0095  -0.0807  0.0000  -0.0713  -0.0101  0.0000 | -0.1067  0.2394  0.0061  0.0066  0.0000  0.0457  0.0008  0.0001 | 0.0076  -0.0067  0.0020  -0.0379  0.0000  0.0147  -0.0047  0.0007 |
| 2.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5006  -0.0249  -0.0084  -0.0782  0.0000  -0.0628  -0.0098  0.0000 | -0.1133  0.0652  0.0046  0.0100  -0.0000  0.0344  0.0012  -0.0001 | 0.0728  -0.0191  0.0002  -0.0239  0.0000  0.0015  -0.0030  0.0000 |
| 2.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.5278  -0.0201  -0.0073  -0.0755  -0.0000  -0.0548  -0.0094  -0.0000 | -0.1048  -0.0039  0.0043  0.0109  -0.0000  0.0322  0.0014  -0.0002 | 0.1304  -0.0292  -0.0003  -0.0216  -0.0000  -0.0024  -0.0027  -0.0001 |
| 2.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.5516  -0.0280  -0.0062  -0.0727  -0.0000  -0.0468  -0.0091  -0.0001 | -0.0933  -0.0389  0.0045  0.0106  -0.0000  0.0339  0.0013  -0.0001 | 0.1981  -0.0372  -0.0006  -0.0204  -0.0000  -0.0049  -0.0026  -0.0002 |
| 2.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.5728  -0.0403  -0.0051  -0.0702  -0.0000  -0.0379  -0.0088  -0.0001 | -0.0870  -0.0455  0.0051  0.0090  0.0000  0.0384  0.0011  0.0000 | 0.2685  -0.0395  -0.0007  -0.0197  -0.0000  -0.0055  -0.0025  -0.0002 |
| 2.675 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5932  -0.0513  -0.0037  -0.0682  -0.0000  -0.0279  -0.0085  -0.0001 | -0.0844  -0.0371  0.0056  0.0069  0.0000  0.0420  0.0009  0.0001 | 0.3304  -0.0323  -0.0005  -0.0198  -0.0000  -0.0034  -0.0025  -0.0002 |
| 2.675 | 1.800 | 1  2  3  4  5  6  7  8 | -0.6134  -0.0589  -0.0023  -0.0667  -0.0000  -0.0172  -0.0083  -0.0001 | -0.0799  -0.0243  0.0059  0.0052  0.0000  0.0441  0.0006  0.0001 | 0.3813  -0.0204  -0.0002  -0.0203  -0.0000  -0.0012  -0.0025  -0.0001 |
| 2.675 | 2.050 | 1  2  3  4  5  6  7  8 | -0.6322  -0.0630  -0.0008  -0.0656  -0.0000  -0.0061  -0.0082  -0.0000 | -0.0698  -0.0123  0.0060  0.0039  0.0000  0.0453  0.0005  0.0002 | 0.4215  -0.0085  0.0001  -0.0209  -0.0000  0.0008  -0.0026  -0.0001 |
| 2.675 | 2.300 | 1  2  3  4  5  6  7  8 | -0.6479  -0.0642  0.0007  -0.0648  0.0000  0.0052  -0.0081  0.0000 | -0.0542  -0.0029  0.0061  0.0031  0.0000  0.0460  0.0004  0.0002 | 0.4519  0.0006  0.0003  -0.0213  -0.0000  0.0025  -0.0027  -0.0001 |
| 2.675 | 2.550 | 1  2  3  4  5  6  7  8 | -0.6592  -0.0634  0.0022  -0.0642  0.0000  0.0167  -0.0080  0.0001 | -0.0350  0.0039  0.0062  0.0026  0.0000  0.0465  0.0003  0.0002 | 0.4715  0.0060  0.0005  -0.0215  -0.0000  0.0041  -0.0027  -0.0000 |
| 2.675 | 2.800 | 1  2  3  4  5  6  7  8 | -0.6656  -0.0613  0.0038  -0.0637  0.0000  0.0283  -0.0080  0.0001 | -0.0138  0.0085  0.0062  0.0021  0.0000  0.0468  0.0003  0.0002 | 0.4794  0.0075  0.0008  -0.0214  0.0000  0.0056  -0.0027  0.0000 |
| 2.675 | 3.050 | 1  2  3  4  5  6  7  8 | -0.6666  -0.0584  0.0053  -0.0632  0.0000  0.0399  -0.0079  0.0001 | 0.0082  0.0111  0.0063  0.0017  0.0000  0.0470  0.0002  0.0002 | 0.4749  0.0055  0.0010  -0.0212  0.0000  0.0072  -0.0026  0.0000 |
| 2.675 | 3.300 | 1  2  3  4  5  6  7  8 | -0.6621  -0.0553  0.0069  -0.0629  0.0000  0.0516  -0.0079  0.0002 | 0.0301  0.0120  0.0063  0.0013  0.0000  0.0471  0.0002  0.0002 | 0.4581  0.0004  0.0012  -0.0206  0.0000  0.0090  -0.0026  0.0001 |
| 2.675 | 3.550 | 1  2  3  4  5  6  7  8 | -0.6524  -0.0522  0.0084  -0.0626  0.0000  0.0633  -0.0078  0.0002 | 0.0510  0.0112  0.0062  0.0005  0.0000  0.0467  0.0001  0.0002 | 0.4288  -0.0070  0.0015  -0.0197  0.0000  0.0111  -0.0025  0.0001 |
| 2.675 | 3.800 | 1  2  3  4  5  6  7  8 | -0.6378  -0.0496  0.0100  -0.0626  0.0000  0.0748  -0.0078  0.0003 | 0.0704  0.0087  0.0061  -0.0007  0.0000  0.0457  -0.0001  0.0001 | 0.3880  -0.0158  0.0018  -0.0185  0.0000  0.0136  -0.0023  0.0002 |
| 2.675 | 4.050 | 1  2  3  4  5  6  7  8 | -0.6186  -0.0480  0.0115  -0.0631  0.0000  0.0860  -0.0079  0.0003 | 0.0878  0.0044  0.0058  -0.0028  -0.0000  0.0434  -0.0004  -0.0000 | 0.3365  -0.0251  0.0022  -0.0170  0.0000  0.0165  -0.0021  0.0003 |
| 2.675 | 4.300 | 1  2  3  4  5  6  7  8 | -0.5953  -0.0478  0.0129  -0.0641  0.0000  0.0964  -0.0080  0.0003 | 0.1028  -0.0021  0.0053  -0.0059  -0.0000  0.0397  -0.0007  -0.0002 | 0.2765  -0.0333  0.0025  -0.0157  0.0000  0.0190  -0.0020  0.0004 |
| 2.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5686  -0.0495  0.0141  -0.0661  0.0000  0.1056  -0.0083  0.0002 | 0.1140  -0.0112  0.0047  -0.0093  -0.0000  0.0353  -0.0012  -0.0004 | 0.2112  -0.0385  0.0026  -0.0157  0.0000  0.0198  -0.0020  0.0004 |
| 2.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5394  -0.0538  0.0152  -0.0690  0.0000  0.1137  -0.0086  0.0000 | 0.1186  -0.0244  0.0043  -0.0117  -0.0000  0.0322  -0.0015  -0.0006 | 0.1454  -0.0384  0.0024  -0.0179  0.0000  0.0176  -0.0022  0.0003 |
| 2.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5100  -0.0620  0.0162  -0.0722  -0.0000  0.1214  -0.0090  -0.0001 | 0.1125  -0.0444  0.0044  -0.0112  -0.0000  0.0329  -0.0014  -0.0005 | 0.0850  -0.0310  0.0018  -0.0220  0.0000  0.0133  -0.0028  0.0001 |
| 2.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.4822  -0.0743  0.0172  -0.0753  -0.0000  0.1292  -0.0094  -0.0003 | 0.0780  -0.0952  0.0059  -0.0031  -0.0000  0.0444  -0.0004  -0.0001 | 0.0135  -0.0068  0.0002  -0.0365  -0.0000  0.0015  -0.0046  -0.0007 |
| 2.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4771  -0.0441  -0.0096  -0.0751  0.0000  -0.0721  -0.0094  0.0000 | -0.1320  0.2548  0.0062  0.0065  0.0000  0.0462  0.0008  0.0001 | 0.0082  -0.0059  0.0019  -0.0378  0.0000  0.0140  -0.0047  0.0007 |
| 2.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5196  -0.0202  -0.0084  -0.0728  0.0000  -0.0628  -0.0091  0.0000 | -0.1690  0.0765  0.0049  0.0093  -0.0000  0.0368  0.0012  -0.0001 | 0.0832  -0.0171  0.0002  -0.0234  0.0000  0.0016  -0.0029  0.0000 |
| 2.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.5632  -0.0128  -0.0072  -0.0703  -0.0000  -0.0541  -0.0088  -0.0000 | -0.1732  0.0047  0.0046  0.0101  -0.0000  0.0346  0.0013  -0.0001 | 0.1493  -0.0254  -0.0002  -0.0210  -0.0000  -0.0019  -0.0026  -0.0001 |
| 2.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.6060  -0.0189  -0.0061  -0.0677  -0.0000  -0.0455  -0.0085  -0.0000 | -0.1676  -0.0352  0.0047  0.0098  -0.0000  0.0351  0.0012  -0.0001 | 0.2246  -0.0301  -0.0005  -0.0198  -0.0000  -0.0039  -0.0025  -0.0002 |
| 2.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.6466  -0.0311  -0.0049  -0.0654  -0.0000  -0.0366  -0.0082  -0.0000 | -0.1581  -0.0497  0.0050  0.0086  -0.0000  0.0374  0.0011  -0.0000 | 0.3014  -0.0289  -0.0006  -0.0191  -0.0000  -0.0043  -0.0024  -0.0002 |
| 2.925 | 1.550 | 1  2  3  4  5  6  7  8 | -0.6844  -0.0442  -0.0036  -0.0634  -0.0000  -0.0270  -0.0079  -0.0000 | -0.1460  -0.0478  0.0053  0.0071  0.0000  0.0398  0.0009  0.0000 | 0.3718  -0.0209  -0.0004  -0.0189  -0.0000  -0.0033  -0.0024  -0.0002 |
| 2.925 | 1.800 | 1  2  3  4  5  6  7  8 | -0.7189  -0.0553  -0.0022  -0.0618  -0.0000  -0.0168  -0.0077  -0.0000 | -0.1298  -0.0375  0.0056  0.0055  0.0000  0.0417  0.0007  0.0001 | 0.4312  -0.0083  -0.0002  -0.0191  -0.0000  -0.0015  -0.0024  -0.0001 |
| 2.925 | 2.050 | 1  2  3  4  5  6  7  8 | -0.7488  -0.0631  -0.0008  -0.0606  -0.0000  -0.0062  -0.0076  -0.0000 | -0.1080  -0.0246  0.0057  0.0042  0.0000  0.0430  0.0005  0.0001 | 0.4781  0.0057  0.0000  -0.0195  -0.0000  0.0003  -0.0024  -0.0001 |
| 2.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.7726  -0.0674  0.0006  -0.0597  0.0000  0.0047  -0.0075  0.0000 | -0.0807  -0.0121  0.0058  0.0032  0.0000  0.0438  0.0004  0.0001 | 0.5121  0.0180  0.0003  -0.0198  -0.0000  0.0022  -0.0025  -0.0001 |
| 2.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.7890  -0.0688  0.0021  -0.0590  0.0000  0.0157  -0.0074  0.0001 | -0.0490  -0.0012  0.0059  0.0025  0.0000  0.0443  0.0003  0.0001 | 0.5329  0.0270  0.0005  -0.0199  -0.0000  0.0040  -0.0025  -0.0000 |
| 2.925 | 2.800 | 1  2  3  4  5  6  7  8 | -0.7972  -0.0676  0.0036  -0.0585  0.0000  0.0268  -0.0073  0.0001 | -0.0146  0.0075  0.0060  0.0018  0.0000  0.0447  0.0002  0.0001 | 0.5397  0.0316  0.0008  -0.0198  0.0000  0.0058  -0.0025  0.0000 |
| 2.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.7966  -0.0646  0.0051  -0.0581  0.0000  0.0380  -0.0073  0.0001 | 0.0209  0.0141  0.0060  0.0012  0.0000  0.0448  0.0001  0.0001 | 0.5323  0.0319  0.0010  -0.0195  0.0000  0.0076  -0.0024  0.0001 |
| 2.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.7872  -0.0603  0.0066  -0.0579  0.0000  0.0492  -0.0072  0.0002 | 0.0562  0.0183  0.0060  0.0004  0.0000  0.0447  0.0001  0.0001 | 0.5106  0.0279  0.0013  -0.0190  0.0000  0.0097  -0.0024  0.0001 |
| 2.925 | 3.550 | 1  2  3  4  5  6  7  8 | -0.7691  -0.0553  0.0081  -0.0579  0.0000  0.0604  -0.0072  0.0002 | 0.0900  0.0201  0.0059  -0.0006  0.0000  0.0441  -0.0001  0.0001 | 0.4751  0.0204  0.0016  -0.0182  0.0000  0.0119  -0.0023  0.0002 |
| 2.925 | 3.800 | 1  2  3  4  5  6  7  8 | -0.7428  -0.0502  0.0095  -0.0583  0.0000  0.0712  -0.0073  0.0002 | 0.1211  0.0193  0.0057  -0.0020  0.0000  0.0429  -0.0003  0.0000 | 0.4267  0.0102  0.0019  -0.0172  0.0000  0.0142  -0.0021  0.0003 |
| 2.925 | 4.050 | 1  2  3  4  5  6  7  8 | -0.7091  -0.0457  0.0109  -0.0590  0.0000  0.0817  -0.0074  0.0002 | 0.1484  0.0153  0.0055  -0.0040  -0.0000  0.0409  -0.0005  -0.0001 | 0.3671  -0.0015  0.0022  -0.0163  0.0000  0.0164  -0.0020  0.0003 |
| 2.925 | 4.300 | 1  2  3  4  5  6  7  8 | -0.6691  -0.0426  0.0122  -0.0603  0.0000  0.0916  -0.0075  0.0002 | 0.1702  0.0075  0.0051  -0.0063  -0.0000  0.0382  -0.0008  -0.0002 | 0.2992  -0.0132  0.0024  -0.0158  0.0000  0.0179  -0.0020  0.0004 |
| 2.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.6244  -0.0421  0.0134  -0.0623  0.0000  0.1007  -0.0078  0.0001 | 0.1840  -0.0052  0.0048  -0.0086  -0.0000  0.0356  -0.0011  -0.0004 | 0.2267  -0.0227  0.0024  -0.0163  0.0000  0.0180  -0.0020  0.0003 |
| 2.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5773  -0.0453  0.0146  -0.0647  -0.0000  0.1093  -0.0081  -0.0000 | 0.1859  -0.0246  0.0046  -0.0097  -0.0000  0.0344  -0.0012  -0.0004 | 0.1549  -0.0276  0.0022  -0.0182  0.0000  0.0163  -0.0023  0.0002 |
| 2.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5313  -0.0544  0.0157  -0.0672  -0.0000  0.1178  -0.0084  -0.0002 | 0.1713  -0.0538  0.0048  -0.0087  -0.0000  0.0359  -0.0011  -0.0004 | 0.0894  -0.0250  0.0017  -0.0220  0.0000  0.0127  -0.0027  0.0000 |
| 2.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.4888  -0.0699  0.0169  -0.0694  -0.0000  0.1267  -0.0087  -0.0003 | 0.1094  -0.1247  0.0061  -0.0019  -0.0000  0.0460  -0.0002  -0.0000 | 0.0135  -0.0073  0.0002  -0.0368  -0.0000  0.0016  -0.0046  -0.0007 |
| 3.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4826  -0.0433  -0.0097  -0.0696  0.0000  -0.0727  -0.0087  0.0000 | -0.1573  0.2635  0.0063  0.0063  0.0000  0.0469  0.0008  0.0001 | 0.0082  -0.0052  0.0019  -0.0384  0.0000  0.0139  -0.0048  0.0007 |
| 3.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5403  -0.0164  -0.0084  -0.0675  0.0000  -0.0629  -0.0084  0.0000 | -0.2302  0.0858  0.0052  0.0086  -0.0000  0.0389  0.0011  -0.0000 | 0.0877  -0.0137  0.0003  -0.0232  0.0000  0.0022  -0.0029  0.0000 |
| 3.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.6016  -0.0069  -0.0072  -0.0652  0.0000  -0.0536  -0.0081  0.0000 | -0.2468  0.0105  0.0049  0.0092  -0.0000  0.0365  0.0011  -0.0001 | 0.1567  -0.0194  -0.0001  -0.0207  -0.0000  -0.0008  -0.0026  -0.0001 |
| 3.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.6644  -0.0120  -0.0060  -0.0629  0.0000  -0.0447  -0.0079  0.0000 | -0.2463  -0.0345  0.0048  0.0090  -0.0000  0.0362  0.0011  -0.0001 | 0.2342  -0.0214  -0.0003  -0.0196  -0.0000  -0.0024  -0.0024  -0.0001 |
| 3.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.7252  -0.0249  -0.0047  -0.0607  -0.0000  -0.0356  -0.0076  -0.0000 | -0.2342  -0.0552  0.0050  0.0082  -0.0000  0.0371  0.0010  -0.0000 | 0.3130  -0.0182  -0.0004  -0.0189  -0.0000  -0.0029  -0.0024  -0.0001 |
| 3.175 | 1.550 | 1  2  3  4  5  6  7  8 | -0.7817  -0.0402  -0.0035  -0.0588  -0.0000  -0.0262  -0.0073  -0.0000 | -0.2135  -0.0586  0.0051  0.0070  0.0000  0.0386  0.0009  0.0000 | 0.3864  -0.0098  -0.0003  -0.0185  -0.0000  -0.0024  -0.0023  -0.0001 |
| 3.175 | 1.800 | 1  2  3  4  5  6  7  8 | -0.8320  -0.0546  -0.0022  -0.0572  0.0000  -0.0164  -0.0071  0.0000 | -0.1854  -0.0512  0.0053  0.0056  0.0000  0.0400  0.0007  0.0000 | 0.4497  0.0024  -0.0002  -0.0185  -0.0000  -0.0012  -0.0023  -0.0001 |
| 3.175 | 2.050 | 1  2  3  4  5  6  7  8 | -0.8744  -0.0662  -0.0008  -0.0559  0.0000  -0.0062  -0.0070  0.0000 | -0.1503  -0.0382  0.0055  0.0044  0.0000  0.0411  0.0006  0.0001 | 0.5003  0.0160  0.0001  -0.0185  -0.0000  0.0004  -0.0023  -0.0001 |
| 3.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.9072  -0.0739  0.0006  -0.0549  0.0000  0.0042  -0.0069  0.0000 | -0.1091  -0.0234  0.0056  0.0033  0.0000  0.0419  0.0004  0.0001 | 0.5367  0.0288  0.0003  -0.0187  -0.0000  0.0022  -0.0023  -0.0000 |
| 3.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.9290  -0.0779  0.0020  -0.0542  0.0000  0.0147  -0.0068  0.0001 | -0.0630  -0.0088  0.0057  0.0024  0.0000  0.0424  0.0003  0.0001 | 0.5583  0.0386  0.0005  -0.0187  -0.0000  0.0040  -0.0023  -0.0000 |
| 3.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.9388  -0.0782  0.0034  -0.0537  0.0000  0.0254  -0.0067  0.0001 | -0.0138  0.0045  0.0057  0.0016  0.0000  0.0427  0.0002  0.0001 | 0.5647  0.0444  0.0008  -0.0186  0.0000  0.0059  -0.0023  0.0000 |
| 3.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.9360  -0.0755  0.0048  -0.0534  0.0000  0.0361  -0.0067  0.0001 | 0.0367  0.0156  0.0057  0.0007  0.0000  0.0428  0.0001  0.0001 | 0.5556  0.0457  0.0010  -0.0183  0.0000  0.0079  -0.0023  0.0001 |
| 3.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.9206  -0.0703  0.0062  -0.0534  0.0000  0.0468  -0.0067  0.0001 | 0.0866  0.0240  0.0057  -0.0002  0.0000  0.0425  -0.0000  0.0001 | 0.5312  0.0424  0.0013  -0.0178  0.0000  0.0099  -0.0022  0.0001 |
| 3.175 | 3.550 | 1  2  3  4  5  6  7  8 | -0.8929  -0.0633  0.0076  -0.0536  0.0000  0.0573  -0.0067  0.0001 | 0.1342  0.0294  0.0056  -0.0014  0.0000  0.0419  -0.0002  0.0000 | 0.4923  0.0349  0.0016  -0.0173  0.0000  0.0119  -0.0022  0.0002 |
| 3.175 | 3.800 | 1  2  3  4  5  6  7  8 | -0.8537  -0.0554  0.0090  -0.0541  0.0000  0.0677  -0.0068  0.0001 | 0.1776  0.0310  0.0054  -0.0028  -0.0000  0.0408  -0.0003  -0.0001 | 0.4401  0.0242  0.0019  -0.0167  0.0000  0.0139  -0.0021  0.0002 |
| 3.175 | 4.050 | 1  2  3  4  5  6  7  8 | -0.8041  -0.0476  0.0104  -0.0550  0.0000  0.0776  -0.0069  0.0001 | 0.2147  0.0280  0.0052  -0.0045  -0.0000  0.0392  -0.0006  -0.0001 | 0.3769  0.0115  0.0021  -0.0163  0.0000  0.0155  -0.0020  0.0003 |
| 3.175 | 4.300 | 1  2  3  4  5  6  7  8 | -0.7462  -0.0412  0.0116  -0.0564  0.0000  0.0872  -0.0070  0.0001 | 0.2429  0.0195  0.0050  -0.0062  -0.0000  0.0376  -0.0008  -0.0002 | 0.3057  -0.0016  0.0022  -0.0164  0.0000  0.0163  -0.0020  0.0003 |
| 3.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.6823  -0.0377  0.0129  -0.0582  -0.0000  0.0964  -0.0073  -0.0000 | 0.2585  0.0036  0.0048  -0.0075  -0.0000  0.0364  -0.0009  -0.0003 | 0.2306  -0.0129  0.0021  -0.0172  0.0000  0.0161  -0.0022  0.0003 |
| 3.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6163  -0.0392  0.0140  -0.0602  -0.0000  0.1053  -0.0075  -0.0001 | 0.2570  -0.0219  0.0049  -0.0078  -0.0000  0.0364  -0.0010  -0.0003 | 0.1567  -0.0199  0.0019  -0.0190  0.0000  0.0146  -0.0024  0.0002 |
| 3.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5529  -0.0483  0.0153  -0.0621  -0.0000  0.1145  -0.0078  -0.0002 | 0.2329  -0.0603  0.0051  -0.0065  -0.0000  0.0386  -0.0008  -0.0003 | 0.0898  -0.0198  0.0015  -0.0224  0.0000  0.0116  -0.0028  0.0000 |
| 3.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.4949  -0.0660  0.0166  -0.0636  -0.0000  0.1242  -0.0079  -0.0002 | 0.1394  -0.1512  0.0063  -0.0008  0.0000  0.0474  -0.0001  0.0000 | 0.0130  -0.0075  0.0002  -0.0375  -0.0000  0.0017  -0.0047  -0.0007 |
| 3.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4891  -0.0423  -0.0098  -0.0641  0.0000  -0.0736  -0.0080  0.0000 | -0.1876  0.2744  0.0063  0.0061  0.0000  0.0474  0.0008  0.0001 | 0.0083  -0.0044  0.0018  -0.0383  0.0000  0.0133  -0.0048  0.0007 |
| 3.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5616  -0.0134  -0.0084  -0.0622  0.0000  -0.0632  -0.0078  0.0001 | -0.2923  0.0925  0.0054  0.0079  0.0000  0.0406  0.0010  0.0000 | 0.0876  -0.0102  0.0004  -0.0231  0.0000  0.0028  -0.0029  0.0000 |
| 3.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.6407  -0.0026  -0.0071  -0.0601  0.0000  -0.0535  -0.0075  0.0000 | -0.3210  0.0136  0.0051  0.0084  -0.0000  0.0381  0.0010  -0.0000 | 0.1558  -0.0134  0.0000  -0.0206  -0.0000  0.0003  -0.0026  -0.0001 |
| 3.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.7234  -0.0075  -0.0059  -0.0580  0.0000  -0.0442  -0.0072  0.0000 | -0.3252  -0.0358  0.0049  0.0082  -0.0000  0.0371  0.0010  -0.0000 | 0.2321  -0.0133  -0.0001  -0.0195  -0.0000  -0.0010  -0.0024  -0.0001 |
| 3.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.8044  -0.0213  -0.0047  -0.0560  0.0000  -0.0350  -0.0070  0.0000 | -0.3110  -0.0614  0.0050  0.0076  -0.0000  0.0372  0.0010  -0.0000 | 0.3097  -0.0090  -0.0002  -0.0188  -0.0000  -0.0015  -0.0024  -0.0001 |
| 3.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.8798  -0.0389  -0.0034  -0.0542  0.0000  -0.0256  -0.0068  0.0000 | -0.2827  -0.0689  0.0050  0.0067  -0.0000  0.0378  0.0008  -0.0000 | 0.3827  -0.0006  -0.0002  -0.0184  -0.0000  -0.0013  -0.0023  -0.0001 |
| 3.425 | 1.800 | 1  2  3  4  5  6  7  8 | -0.9464  -0.0564  -0.0021  -0.0526  0.0000  -0.0161  -0.0066  0.0000 | -0.2433  -0.0639  0.0052  0.0056  0.0000  0.0387  0.0007  0.0000 | 0.4465  0.0106  -0.0001  -0.0181  -0.0000  -0.0004  -0.0023  -0.0001 |
| 3.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.0018  -0.0714  -0.0008  -0.0514  0.0000  -0.0063  -0.0064  0.0000 | -0.1947  -0.0513  0.0053  0.0044  0.0000  0.0395  0.0006  0.0000 | 0.4980  0.0230  0.0001  -0.0180  -0.0000  0.0009  -0.0022  -0.0001 |
| 3.425 | 2.300 | 1  2  3  4  5  6  7  8 | -1.0440  -0.0824  0.0005  -0.0504  0.0000  0.0036  -0.0063  0.0000 | -0.1386  -0.0346  0.0054  0.0034  0.0000  0.0401  0.0004  0.0001 | 0.5353  0.0348  0.0003  -0.0180  -0.0000  0.0025  -0.0022  -0.0000 |
| 3.425 | 2.550 | 1  2  3  4  5  6  7  8 | -1.0713  -0.0889  0.0018  -0.0497  0.0000  0.0137  -0.0062  0.0001 | -0.0771  -0.0166  0.0054  0.0024  0.0000  0.0406  0.0003  0.0001 | 0.5573  0.0441  0.0006  -0.0179  0.0000  0.0042  -0.0022  0.0000 |
| 3.425 | 2.800 | 1  2  3  4  5  6  7  8 | -1.0827  -0.0908  0.0032  -0.0492  0.0000  0.0239  -0.0061  0.0001 | -0.0121  0.0008  0.0054  0.0014  0.0000  0.0408  0.0002  0.0001 | 0.5634  0.0498  0.0008  -0.0178  0.0000  0.0060  -0.0022  0.0001 |
| 3.425 | 3.050 | 1  2  3  4  5  6  7  8 | -1.0775  -0.0884  0.0045  -0.0490  0.0000  0.0341  -0.0061  0.0001 | 0.0540  0.0165  0.0054  0.0004  0.0000  0.0408  0.0001  0.0000 | 0.5536  0.0511  0.0010  -0.0175  0.0000  0.0079  -0.0022  0.0001 |
| 3.425 | 3.300 | 1  2  3  4  5  6  7  8 | -1.0557  -0.0824  0.0059  -0.0490  0.0000  0.0443  -0.0061  0.0001 | 0.1191  0.0294  0.0054  -0.0006  0.0000  0.0405  -0.0001  0.0000 | 0.5283  0.0481  0.0013  -0.0172  0.0000  0.0097  -0.0022  0.0001 |
| 3.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.0178  -0.0736  0.0072  -0.0493  0.0000  0.0543  -0.0062  0.0001 | 0.1807  0.0386  0.0053  -0.0018  -0.0000  0.0400  -0.0002  -0.0000 | 0.4883  0.0408  0.0015  -0.0169  0.0000  0.0115  -0.0021  0.0002 |
| 3.425 | 3.800 | 1  2  3  4  5  6  7  8 | -0.9651  -0.0629  0.0086  -0.0500  0.0000  0.0642  -0.0062  0.0001 | 0.2363  0.0430  0.0052  -0.0031  -0.0000  0.0392  -0.0004  -0.0001 | 0.4353  0.0303  0.0017  -0.0167  0.0000  0.0131  -0.0021  0.0002 |
| 3.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.8993  -0.0518  0.0099  -0.0509  0.0000  0.0739  -0.0064  0.0000 | 0.2828  0.0414  0.0051  -0.0044  -0.0000  0.0382  -0.0006  -0.0002 | 0.3716  0.0175  0.0019  -0.0167  0.0000  0.0142  -0.0021  0.0002 |
| 3.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.8230  -0.0418  0.0111  -0.0522  -0.0000  0.0833  -0.0065  -0.0000 | 0.3168  0.0323  0.0050  -0.0056  -0.0000  0.0374  -0.0007  -0.0002 | 0.3006  0.0043  0.0020  -0.0171  0.0000  0.0146  -0.0021  0.0002 |
| 3.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.7399  -0.0352  0.0123  -0.0538  -0.0000  0.0925  -0.0067  -0.0001 | 0.3338  0.0135  0.0050  -0.0063  -0.0000  0.0372  -0.0008  -0.0003 | 0.2261  -0.0074  0.0019  -0.0181  0.0000  0.0142  -0.0023  0.0002 |
| 3.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6549  -0.0346  0.0136  -0.0554  -0.0000  0.1018  -0.0069  -0.0001 | 0.3284  -0.0177  0.0051  -0.0061  -0.0000  0.0381  -0.0008  -0.0003 | 0.1531  -0.0149  0.0017  -0.0197  0.0000  0.0129  -0.0025  0.0001 |
| 3.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5742  -0.0434  0.0149  -0.0569  -0.0000  0.1115  -0.0071  -0.0002 | 0.2939  -0.0649  0.0054  -0.0046  -0.0000  0.0406  -0.0006  -0.0002 | 0.0875  -0.0160  0.0014  -0.0229  -0.0000  0.0105  -0.0029  -0.0000 |
| 3.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5015  -0.0629  0.0163  -0.0579  -0.0000  0.1219  -0.0072  -0.0002 | 0.1717  -0.1754  0.0064  -0.0001  0.0000  0.0482  -0.0000  0.0001 | 0.0127  -0.0071  0.0003  -0.0375  -0.0000  0.0021  -0.0047  -0.0007 |
| 3.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4947  -0.0414  -0.0099  -0.0587  0.0000  -0.0744  -0.0073  0.0001 | -0.2139  0.2827  0.0064  0.0058  0.0000  0.0481  0.0007  0.0001 | 0.0079  -0.0039  0.0018  -0.0389  0.0000  0.0132  -0.0049  0.0007 |
| 3.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5822  -0.0112  -0.0085  -0.0570  0.0000  -0.0637  -0.0071  0.0001 | -0.3530  0.0967  0.0056  0.0072  0.0000  0.0418  0.0009  0.0000 | 0.0842  -0.0068  0.0005  -0.0231  0.0000  0.0034  -0.0029  0.0001 |
| 3.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.6787  0.0002  -0.0072  -0.0551  0.0000  -0.0536  -0.0069  0.0001 | -0.3930  0.0147  0.0052  0.0076  -0.0000  0.0393  0.0009  -0.0000 | 0.1493  -0.0081  0.0002  -0.0206  -0.0000  0.0013  -0.0026  -0.0000 |
| 3.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.7806  -0.0049  -0.0059  -0.0532  0.0000  -0.0441  -0.0066  0.0001 | -0.4016  -0.0385  0.0051  0.0075  -0.0000  0.0379  0.0009  -0.0000 | 0.2221  -0.0066  0.0000  -0.0196  -0.0000  0.0003  -0.0024  -0.0001 |
| 3.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.8811  -0.0199  -0.0046  -0.0513  0.0000  -0.0347  -0.0064  0.0001 | -0.3858  -0.0679  0.0050  0.0071  -0.0000  0.0373  0.0009  -0.0000 | 0.2963  -0.0017  -0.0000  -0.0189  -0.0000  -0.0002  -0.0024  -0.0001 |
| 3.675 | 1.550 | 1  2  3  4  5  6  7  8 | -0.9748  -0.0396  -0.0034  -0.0496  0.0000  -0.0254  -0.0062  0.0000 | -0.3508  -0.0785  0.0050  0.0063  -0.0000  0.0373  0.0008  -0.0000 | 0.3665  0.0062  -0.0000  -0.0184  -0.0000  -0.0001  -0.0023  -0.0001 |
| 3.675 | 1.800 | 1  2  3  4  5  6  7  8 | -1.0575  -0.0599  -0.0021  -0.0481  0.0000  -0.0161  -0.0060  0.0000 | -0.3008  -0.0754  0.0050  0.0053  0.0000  0.0377  0.0007  0.0000 | 0.4285  0.0162  0.0001  -0.0180  -0.0000  0.0005  -0.0022  -0.0001 |
| 3.675 | 2.050 | 1  2  3  4  5  6  7  8 | -1.1260  -0.0779  -0.0009  -0.0469  0.0000  -0.0066  -0.0059  0.0000 | -0.2391  -0.0628  0.0051  0.0043  0.0000  0.0382  0.0005  0.0000 | 0.4790  0.0271  0.0002  -0.0178  -0.0000  0.0016  -0.0022  -0.0000 |
| 3.675 | 2.300 | 1  2  3  4  5  6  7  8 | -1.1776  -0.0918  0.0004  -0.0460  0.0000  0.0030  -0.0057  0.0001 | -0.1683  -0.0447  0.0051  0.0033  0.0000  0.0386  0.0004  0.0000 | 0.5158  0.0372  0.0004  -0.0176  -0.0000  0.0029  -0.0022  -0.0000 |
| 3.675 | 2.550 | 1  2  3  4  5  6  7  8 | -1.2105  -0.1006  0.0017  -0.0453  0.0000  0.0126  -0.0057  0.0001 | -0.0911  -0.0238  0.0052  0.0022  0.0000  0.0389  0.0003  0.0000 | 0.5375  0.0453  0.0006  -0.0175  0.0000  0.0044  -0.0022  0.0000 |
| 3.675 | 2.800 | 1  2  3  4  5  6  7  8 | -1.2234  -0.1039  0.0030  -0.0449  0.0000  0.0224  -0.0056  0.0001 | -0.0102  -0.0025  0.0052  0.0012  0.0000  0.0390  0.0002  0.0000 | 0.5435  0.0502  0.0008  -0.0173  0.0000  0.0061  -0.0022  0.0001 |
| 3.675 | 3.050 | 1  2  3  4  5  6  7  8 | -1.2157  -0.1019  0.0043  -0.0447  0.0000  0.0321  -0.0056  0.0001 | 0.0717  0.0174  0.0052  0.0002  -0.0000  0.0390  0.0000  -0.0000 | 0.5338  0.0512  0.0010  -0.0172  0.0000  0.0077  -0.0021  0.0001 |
| 3.675 | 3.300 | 1  2  3  4  5  6  7  8 | -1.1874  -0.0951  0.0056  -0.0448  0.0000  0.0419  -0.0056  0.0001 | 0.1518  0.0346  0.0052  -0.0009  -0.0000  0.0388  -0.0001  -0.0000 | 0.5087  0.0481  0.0012  -0.0170  0.0000  0.0094  -0.0021  0.0001 |
| 3.675 | 3.550 | 1  2  3  4  5  6  7  8 | -1.1394  -0.0844  0.0069  -0.0451  0.0000  0.0515  -0.0056  0.0000 | 0.2272  0.0474  0.0051  -0.0020  -0.0000  0.0384  -0.0002  -0.0001 | 0.4695  0.0412  0.0014  -0.0169  0.0000  0.0108  -0.0021  0.0002 |
| 3.675 | 3.800 | 1  2  3  4  5  6  7  8 | -1.0733  -0.0710  0.0081  -0.0458  0.0000  0.0610  -0.0057  0.0000 | 0.2945  0.0546  0.0051  -0.0031  -0.0000  0.0380  -0.0004  -0.0001 | 0.4177  0.0312  0.0016  -0.0169  0.0000  0.0120  -0.0021  0.0002 |
| 3.675 | 4.050 | 1  2  3  4  5  6  7  8 | -0.9914  -0.0567  0.0094  -0.0467  -0.0000  0.0705  -0.0058  -0.0000 | 0.3499  0.0544  0.0050  -0.0041  -0.0000  0.0376  -0.0005  -0.0002 | 0.3559  0.0191  0.0017  -0.0172  0.0000  0.0128  -0.0021  0.0002 |
| 3.675 | 4.300 | 1  2  3  4  5  6  7  8 | -0.8972  -0.0433  0.0106  -0.0479  -0.0000  0.0798  -0.0060  -0.0001 | 0.3892  0.0449  0.0050  -0.0049  -0.0000  0.0374  -0.0006  -0.0002 | 0.2872  0.0065  0.0017  -0.0178  0.0000  0.0130  -0.0022  0.0002 |
| 3.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.7954  -0.0336  0.0119  -0.0492  -0.0000  0.0891  -0.0061  -0.0001 | 0.4072  0.0234  0.0051  -0.0051  -0.0000  0.0379  -0.0006  -0.0002 | 0.2156  -0.0046  0.0017  -0.0188  0.0000  0.0126  -0.0024  0.0001 |
| 3.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6920  -0.0309  0.0132  -0.0505  -0.0000  0.0987  -0.0063  -0.0002 | 0.3976  -0.0131  0.0053  -0.0047  -0.0000  0.0394  -0.0006  -0.0002 | 0.1458  -0.0121  0.0015  -0.0204  0.0000  0.0115  -0.0025  0.0001 |
| 3.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5946  -0.0394  0.0145  -0.0515  -0.0000  0.1088  -0.0064  -0.0002 | 0.3531  -0.0684  0.0056  -0.0032  -0.0000  0.0421  -0.0004  -0.0001 | 0.0834  -0.0137  0.0013  -0.0233  -0.0000  0.0096  -0.0029  -0.0001 |
| 3.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5072  -0.0605  0.0159  -0.0522  -0.0000  0.1195  -0.0065  -0.0002 | 0.1998  -0.1939  0.0065  0.0006  0.0000  0.0491  0.0001  0.0001 | 0.0120  -0.0069  0.0003  -0.0381  -0.0000  0.0023  -0.0048  -0.0007 |
| 3.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5010  -0.0409  -0.0100  -0.0533  0.0000  -0.0753  -0.0067  0.0001 | -0.2437  0.2897  0.0065  0.0056  0.0000  0.0485  0.0007  0.0001 | 0.0080  -0.0031  0.0017  -0.0387  0.0000  0.0126  -0.0048  0.0007 |
| 3.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6019  -0.0099  -0.0086  -0.0517  0.0000  -0.0643  -0.0065  0.0001 | -0.4098  0.0992  0.0057  0.0066  0.0000  0.0428  0.0008  0.0000 | 0.0790  -0.0040  0.0005  -0.0231  0.0000  0.0039  -0.0029  0.0001 |
| 3.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.7145  0.0018  -0.0072  -0.0500  0.0000  -0.0540  -0.0062  0.0001 | -0.4606  0.0143  0.0054  0.0069  0.0000  0.0402  0.0009  0.0000 | 0.1396  -0.0040  0.0003  -0.0206  -0.0000  0.0022  -0.0026  -0.0000 |
| 3.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.8345  -0.0038  -0.0059  -0.0483  0.0000  -0.0443  -0.0060  0.0001 | -0.4737  -0.0420  0.0051  0.0068  -0.0000  0.0385  0.0009  -0.0000 | 0.2073  -0.0016  0.0002  -0.0197  -0.0000  0.0013  -0.0025  -0.0000 |
| 3.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.9533  -0.0201  -0.0046  -0.0466  0.0000  -0.0348  -0.0058  0.0001 | -0.4566  -0.0743  0.0050  0.0065  -0.0000  0.0375  0.0008  -0.0000 | 0.2766  0.0034  0.0001  -0.0190  -0.0000  0.0010  -0.0024  -0.0001 |
| 3.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.0645  -0.0418  -0.0034  -0.0450  0.0000  -0.0255  -0.0056  0.0001 | -0.4158  -0.0872  0.0049  0.0058  -0.0000  0.0370  0.0007  -0.0000 | 0.3425  0.0107  0.0001  -0.0184  -0.0000  0.0010  -0.0023  -0.0001 |
| 3.925 | 1.800 | 1  2  3  4  5  6  7  8 | -1.1626  -0.0645  -0.0022  -0.0437  0.0000  -0.0163  -0.0055  0.0001 | -0.3562  -0.0853  0.0049  0.0050  -0.0000  0.0370  0.0006  -0.0000 | 0.4011  0.0195  0.0002  -0.0180  -0.0000  0.0015  -0.0023  -0.0000 |
| 3.925 | 2.050 | 1  2  3  4  5  6  7  8 | -1.2436  -0.0851  -0.0009  -0.0425  0.0000  -0.0071  -0.0053  0.0001 | -0.2821  -0.0727  0.0049  0.0041  -0.0000  0.0371  0.0005  -0.0000 | 0.4491  0.0286  0.0003  -0.0177  -0.0000  0.0023  -0.0022  -0.0000 |
| 3.925 | 2.300 | 1  2  3  4  5  6  7  8 | -1.3044  -0.1014  0.0003  -0.0416  0.0000  0.0022  -0.0052  0.0001 | -0.1972  -0.0532  0.0050  0.0031  -0.0000  0.0373  0.0004  -0.0000 | 0.4843  0.0371  0.0004  -0.0175  -0.0000  0.0034  -0.0022  -0.0000 |
| 3.925 | 2.550 | 1  2  3  4  5  6  7  8 | -1.3427  -0.1121  0.0015  -0.0410  0.0000  0.0115  -0.0051  0.0001 | -0.1049  -0.0298  0.0050  0.0021  -0.0000  0.0374  0.0003  -0.0000 | 0.5053  0.0437  0.0006  -0.0173  0.0000  0.0047  -0.0022  0.0000 |
| 3.925 | 2.800 | 1  2  3  4  5  6  7  8 | -1.3571  -0.1165  0.0028  -0.0406  0.0000  0.0209  -0.0051  0.0000 | -0.0084  -0.0051  0.0050  0.0011  -0.0000  0.0375  0.0001  -0.0000 | 0.5112  0.0475  0.0008  -0.0172  0.0000  0.0061  -0.0021  0.0001 |
| 3.925 | 3.050 | 1  2  3  4  5  6  7  8 | -1.3469  -0.1147  0.0040  -0.0404  0.0000  0.0302  -0.0051  0.0000 | 0.0888  0.0186  0.0050  0.0001  -0.0000  0.0375  0.0000  -0.0000 | 0.5019  0.0480  0.0010  -0.0171  0.0000  0.0075  -0.0021  0.0001 |
| 3.925 | 3.300 | 1  2  3  4  5  6  7  8 | -1.3124  -0.1071  0.0053  -0.0405  0.0000  0.0396  -0.0051  0.0000 | 0.1835  0.0395  0.0050  -0.0009  -0.0000  0.0374  -0.0001  -0.0001 | 0.4781  0.0448  0.0012  -0.0170  0.0000  0.0089  -0.0021  0.0001 |
| 3.925 | 3.550 | 1  2  3  4  5  6  7  8 | -1.2546  -0.0947  0.0065  -0.0409  0.0000  0.0489  -0.0051  0.0000 | 0.2720  0.0558  0.0050  -0.0019  -0.0000  0.0372  -0.0002  -0.0001 | 0.4407  0.0383  0.0013  -0.0171  0.0000  0.0101  -0.0021  0.0001 |
| 3.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.1756  -0.0789  0.0078  -0.0415  -0.0000  0.0581  -0.0052  -0.0000 | 0.3503  0.0655  0.0049  -0.0029  -0.0000  0.0371  -0.0004  -0.0001 | 0.3916  0.0290  0.0015  -0.0173  0.0000  0.0110  -0.0022  0.0001 |
| 3.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.0784  -0.0615  0.0090  -0.0424  -0.0000  0.0674  -0.0053  -0.0001 | 0.4140  0.0665  0.0050  -0.0036  -0.0000  0.0371  -0.0005  -0.0002 | 0.3332  0.0179  0.0015  -0.0178  0.0000  0.0115  -0.0022  0.0001 |
| 3.925 | 4.300 | 1  2  3  4  5  6  7  8 | -0.9672  -0.0450  0.0102  -0.0434  -0.0000  0.0767  -0.0054  -0.0001 | 0.4581  0.0565  0.0050  -0.0041  -0.0000  0.0376  -0.0005  -0.0002 | 0.2685  0.0065  0.0015  -0.0185  0.0000  0.0116  -0.0023  0.0001 |
| 3.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.8477  -0.0325  0.0115  -0.0444  -0.0000  0.0861  -0.0056  -0.0001 | 0.4766  0.0327  0.0051  -0.0041  -0.0000  0.0386  -0.0005  -0.0002 | 0.2014  -0.0036  0.0015  -0.0195  0.0000  0.0112  -0.0024  0.0001 |
| 3.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7269  -0.0278  0.0128  -0.0454  -0.0000  0.0959  -0.0057  -0.0002 | 0.4627  -0.0086  0.0054  -0.0034  -0.0000  0.0404  -0.0004  -0.0001 | 0.1361  -0.0104  0.0014  -0.0208  0.0000  0.0104  -0.0026  0.0000 |
| 3.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6140  -0.0358  0.0142  -0.0462  -0.0000  0.1063  -0.0058  -0.0002 | 0.4083  -0.0712  0.0058  -0.0021  -0.0000  0.0432  -0.0003  -0.0001 | 0.0780  -0.0121  0.0012  -0.0235  -0.0000  0.0089  -0.0029  -0.0001 |
| 3.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5138  -0.0580  0.0157  -0.0465  -0.0000  0.1174  -0.0058  -0.0002 | 0.2324  -0.2151  0.0066  0.0011  0.0000  0.0495  0.0001  0.0001 | 0.0114  -0.0063  0.0004  -0.0380  -0.0000  0.0028  -0.0047  -0.0007 |
| 4.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5061  -0.0409  -0.0102  -0.0480  0.0000  -0.0762  -0.0060  0.0001 | -0.2670  0.2921  0.0065  0.0053  0.0000  0.0490  0.0007  0.0001 | 0.0076  -0.0025  0.0017  -0.0393  0.0000  0.0125  -0.0049  0.0007 |
| 4.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6200  -0.0092  -0.0087  -0.0465  0.0000  -0.0651  -0.0058  0.0001 | -0.4625  0.1004  0.0058  0.0060  0.0000  0.0435  0.0008  0.0000 | 0.0728  -0.0020  0.0006  -0.0231  0.0000  0.0043  -0.0029  0.0001 |
| 4.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.7476  0.0025  -0.0073  -0.0449  0.0000  -0.0546  -0.0056  0.0001 | -0.5230  0.0129  0.0055  0.0063  0.0000  0.0409  0.0008  0.0000 | 0.1280  -0.0011  0.0004  -0.0207  -0.0000  0.0029  -0.0026  -0.0000 |
| 4.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.8841  -0.0038  -0.0060  -0.0434  0.0000  -0.0447  -0.0054  0.0001 | -0.5402  -0.0459  0.0052  0.0062  -0.0000  0.0389  0.0008  -0.0000 | 0.1898  0.0018  0.0003  -0.0198  -0.0000  0.0022  -0.0025  -0.0000 |
| 4.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.0200  -0.0214  -0.0047  -0.0418  0.0000  -0.0352  -0.0052  0.0001 | -0.5223  -0.0803  0.0050  0.0059  -0.0000  0.0376  0.0007  -0.0000 | 0.2533  0.0068  0.0003  -0.0191  -0.0000  0.0019  -0.0024  -0.0000 |
| 4.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.1472  -0.0449  -0.0035  -0.0404  0.0000  -0.0259  -0.0050  0.0001 | -0.4763  -0.0948  0.0049  0.0053  -0.0000  0.0368  0.0007  -0.0000 | 0.3140  0.0133  0.0003  -0.0186  -0.0000  0.0020  -0.0023  -0.0000 |
| 4.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.2597  -0.0696  -0.0022  -0.0392  0.0000  -0.0168  -0.0049  0.0001 | -0.4081  -0.0937  0.0049  0.0046  -0.0000  0.0364  0.0006  -0.0000 | 0.3682  0.0207  0.0003  -0.0181  -0.0000  0.0023  -0.0023  -0.0000 |
| 4.175 | 2.050 | 1  2  3  4  5  6  7  8 | -1.3526  -0.0924  -0.0010  -0.0381  0.0000  -0.0077  -0.0048  0.0001 | -0.3227  -0.0809  0.0048  0.0038  -0.0000  0.0362  0.0005  -0.0000 | 0.4128  0.0283  0.0004  -0.0178  -0.0000  0.0029  -0.0022  -0.0000 |
| 4.175 | 2.300 | 1  2  3  4  5  6  7  8 | -1.4220  -0.1107  0.0002  -0.0373  0.0000  0.0013  -0.0047  0.0001 | -0.2246  -0.0601  0.0048  0.0029  -0.0000  0.0362  0.0004  -0.0000 | 0.4458  0.0352  0.0005  -0.0175  0.0000  0.0038  -0.0022  0.0000 |
| 4.175 | 2.550 | 1  2  3  4  5  6  7  8 | -1.4655  -0.1229  0.0014  -0.0366  0.0000  0.0103  -0.0046  0.0000 | -0.1180  -0.0345  0.0048  0.0019  -0.0000  0.0362  0.0002  -0.0000 | 0.4655  0.0403  0.0007  -0.0174  0.0000  0.0049  -0.0022  0.0000 |
| 4.175 | 2.800 | 1  2  3  4  5  6  7  8 | -1.4813  -0.1282  0.0026  -0.0363  0.0000  0.0193  -0.0045  0.0000 | -0.0069  -0.0069  0.0048  0.0010  -0.0000  0.0362  0.0001  -0.0000 | 0.4711  0.0430  0.0008  -0.0173  0.0000  0.0061  -0.0022  0.0001 |
| 4.175 | 3.050 | 1  2  3  4  5  6  7  8 | -1.4689  -0.1264  0.0038  -0.0362  0.0000  0.0284  -0.0045  0.0000 | 0.1049  0.0201  0.0048  0.0000  -0.0000  0.0362  0.0000  -0.0001 | 0.4627  0.0429  0.0010  -0.0172  0.0000  0.0072  -0.0022  0.0001 |
| 4.175 | 3.300 | 1  2  3  4  5  6  7  8 | -1.4285  -0.1180  0.0050  -0.0363  0.0000  0.0374  -0.0045  0.0000 | 0.2133  0.0444  0.0048  -0.0009  -0.0000  0.0362  -0.0001  -0.0001 | 0.4405  0.0397  0.0011  -0.0173  0.0000  0.0083  -0.0022  0.0001 |
| 4.175 | 3.550 | 1  2  3  4  5  6  7  8 | -1.3616  -0.1040  0.0062  -0.0366  -0.0000  0.0464  -0.0046  -0.0000 | 0.3141  0.0635  0.0048  -0.0017  -0.0000  0.0363  -0.0002  -0.0001 | 0.4058  0.0336  0.0012  -0.0175  0.0000  0.0093  -0.0022  0.0001 |
| 4.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.2705  -0.0858  0.0074  -0.0372  -0.0000  0.0555  -0.0046  -0.0000 | 0.4026  0.0753  0.0049  -0.0025  -0.0000  0.0364  -0.0003  -0.0001 | 0.3603  0.0252  0.0013  -0.0178  0.0000  0.0100  -0.0022  0.0001 |
| 4.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.1590  -0.0657  0.0086  -0.0379  -0.0000  0.0646  -0.0047  -0.0001 | 0.4739  0.0774  0.0049  -0.0030  -0.0000  0.0369  -0.0004  -0.0001 | 0.3063  0.0153  0.0014  -0.0183  0.0000  0.0104  -0.0023  0.0001 |
| 4.175 | 4.300 | 1  2  3  4  5  6  7  8 | -1.0319  -0.0464  0.0099  -0.0387  -0.0000  0.0739  -0.0048  -0.0001 | 0.5221  0.0669  0.0050  -0.0033  -0.0000  0.0377  -0.0004  -0.0001 | 0.2466  0.0053  0.0014  -0.0190  0.0000  0.0104  -0.0024  0.0001 |
| 4.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.8959  -0.0314  0.0111  -0.0395  -0.0000  0.0835  -0.0049  -0.0002 | 0.5410  0.0408  0.0052  -0.0031  -0.0000  0.0390  -0.0004  -0.0001 | 0.1849  -0.0035  0.0014  -0.0200  0.0000  0.0101  -0.0025  0.0000 |
| 4.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7592  -0.0250  0.0125  -0.0402  -0.0000  0.0934  -0.0050  -0.0002 | 0.5230  -0.0046  0.0055  -0.0024  -0.0000  0.0411  -0.0003  -0.0001 | 0.1251  -0.0093  0.0013  -0.0212  0.0000  0.0095  -0.0026  0.0000 |
| 4.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6318  -0.0326  0.0139  -0.0407  -0.0000  0.1040  -0.0051  -0.0002 | 0.4598  -0.0738  0.0059  -0.0012  -0.0000  0.0439  -0.0001  -0.0000 | 0.0718  -0.0105  0.0011  -0.0237  -0.0000  0.0084  -0.0030  -0.0001 |
| 4.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5188  -0.0558  0.0154  -0.0409  -0.0000  0.1152  -0.0051  -0.0002 | 0.2567  -0.2330  0.0067  0.0015  0.0000  0.0500  0.0002  0.0001 | 0.0106  -0.0059  0.0004  -0.0386  -0.0000  0.0031  -0.0048  -0.0007 |
| 4.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5121  -0.0406  -0.0103  -0.0426  0.0000  -0.0772  -0.0053  0.0001 | -0.2955  0.2968  0.0066  0.0051  0.0000  0.0493  0.0006  0.0001 | 0.0073  -0.0019  0.0016  -0.0390  0.0000  0.0119  -0.0049  0.0007 |
| 4.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6367  -0.0088  -0.0088  -0.0413  0.0000  -0.0660  -0.0052  0.0001 | -0.5098  0.1005  0.0059  0.0056  0.0000  0.0440  0.0007  0.0000 | 0.0660  -0.0008  0.0006  -0.0231  0.0000  0.0047  -0.0029  0.0001 |
| 4.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.7776  0.0026  -0.0074  -0.0399  0.0000  -0.0554  -0.0050  0.0001 | -0.5793  0.0109  0.0055  0.0057  0.0000  0.0414  0.0007  0.0000 | 0.1156  0.0008  0.0005  -0.0207  0.0000  0.0035  -0.0026  0.0000 |
| 4.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.9292  -0.0045  -0.0060  -0.0384  0.0000  -0.0453  -0.0048  0.0001 | -0.6005  -0.0498  0.0052  0.0056  -0.0000  0.0393  0.0007  -0.0000 | 0.1712  0.0040  0.0004  -0.0199  -0.0000  0.0030  -0.0025  -0.0000 |
| 4.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.0804  -0.0234  -0.0048  -0.0370  0.0000  -0.0357  -0.0046  0.0001 | -0.5821  -0.0858  0.0050  0.0053  -0.0000  0.0377  0.0007  -0.0000 | 0.2284  0.0086  0.0004  -0.0193  -0.0000  0.0027  -0.0024  -0.0000 |
| 4.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.2224  -0.0484  -0.0035  -0.0358  0.0000  -0.0265  -0.0045  0.0001 | -0.5317  -0.1014  0.0049  0.0049  -0.0000  0.0367  0.0006  -0.0000 | 0.2833  0.0143  0.0004  -0.0188  -0.0000  0.0028  -0.0023  -0.0000 |
| 4.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.3480  -0.0749  -0.0023  -0.0346  0.0000  -0.0174  -0.0043  0.0001 | -0.4558  -0.1007  0.0048  0.0042  -0.0000  0.0359  0.0005  -0.0000 | 0.3326  0.0205  0.0004  -0.0183  -0.0000  0.0030  -0.0023  -0.0000 |
| 4.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.4517  -0.0994  -0.0011  -0.0336  0.0000  -0.0085  -0.0042  0.0001 | -0.3602  -0.0875  0.0047  0.0035  -0.0000  0.0355  0.0004  -0.0000 | 0.3734  0.0266  0.0005  -0.0180  0.0000  0.0035  -0.0022  0.0000 |
| 4.425 | 2.300 | 1  2  3  4  5  6  7  8 | -1.5292  -0.1192  0.0000  -0.0329  0.0000  0.0003  -0.0041  0.0001 | -0.2501  -0.0655  0.0047  0.0027  -0.0000  0.0353  0.0003  -0.0000 | 0.4036  0.0320  0.0006  -0.0177  0.0000  0.0042  -0.0022  0.0000 |
| 4.425 | 2.550 | 1  2  3  4  5  6  7  8 | -1.5775  -0.1326  0.0012  -0.0323  0.0000  0.0091  -0.0040  0.0000 | -0.1303  -0.0380  0.0047  0.0018  -0.0000  0.0351  0.0002  -0.0001 | 0.4218  0.0358  0.0007  -0.0176  0.0000  0.0051  -0.0022  0.0000 |
| 4.425 | 2.800 | 1  2  3  4  5  6  7  8 | -1.5947  -0.1385  0.0024  -0.0320  0.0000  0.0178  -0.0040  0.0000 | -0.0056  -0.0079  0.0047  0.0009  -0.0000  0.0351  0.0001  -0.0001 | 0.4272  0.0375  0.0008  -0.0175  0.0000  0.0060  -0.0022  0.0000 |
| 4.425 | 3.050 | 1  2  3  4  5  6  7  8 | -1.5802  -0.1366  0.0035  -0.0318  0.0000  0.0266  -0.0040  0.0000 | 0.1197  0.0220  0.0047  0.0001  -0.0000  0.0352  0.0000  -0.0001 | 0.4196  0.0369  0.0009  -0.0175  0.0000  0.0070  -0.0022  0.0001 |
| 4.425 | 3.300 | 1  2  3  4  5  6  7  8 | -1.5345  -0.1274  0.0047  -0.0319  -0.0000  0.0354  -0.0040  -0.0000 | 0.2407  0.0489  0.0047  -0.0007  -0.0000  0.0353  -0.0001  -0.0001 | 0.3995  0.0337  0.0010  -0.0176  0.0000  0.0078  -0.0022  0.0001 |
| 4.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.4591  -0.1119  0.0059  -0.0322  -0.0000  0.0442  -0.0040  -0.0000 | 0.3528  0.0705  0.0047  -0.0015  -0.0000  0.0355  -0.0002  -0.0001 | 0.3679  0.0281  0.0011  -0.0179  0.0000  0.0086  -0.0022  0.0001 |
| 4.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.3570  -0.0917  0.0071  -0.0327  -0.0000  0.0531  -0.0041  -0.0001 | 0.4506  0.0841  0.0048  -0.0020  -0.0000  0.0360  -0.0003  -0.0001 | 0.3264  0.0206  0.0012  -0.0183  0.0000  0.0091  -0.0023  0.0001 |
| 4.425 | 4.050 | 1  2  3  4  5  6  7  8 | -1.2324  -0.0692  0.0083  -0.0332  -0.0000  0.0622  -0.0042  -0.0001 | 0.5287  0.0869  0.0049  -0.0024  -0.0000  0.0367  -0.0003  -0.0001 | 0.2773  0.0121  0.0013  -0.0188  0.0000  0.0094  -0.0024  0.0001 |
| 4.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.0909  -0.0475  0.0095  -0.0339  -0.0000  0.0714  -0.0042  -0.0001 | 0.5806  0.0759  0.0050  -0.0025  -0.0000  0.0378  -0.0003  -0.0001 | 0.2232  0.0035  0.0013  -0.0195  0.0000  0.0094  -0.0024  0.0000 |
| 4.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.9399  -0.0304  0.0108  -0.0345  -0.0000  0.0810  -0.0043  -0.0002 | 0.5996  0.0477  0.0053  -0.0022  -0.0000  0.0394  -0.0003  -0.0001 | 0.1674  -0.0038  0.0012  -0.0203  0.0000  0.0092  -0.0025  0.0000 |
| 4.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7886  -0.0226  0.0122  -0.0350  -0.0000  0.0911  -0.0044  -0.0002 | 0.5777  -0.0016  0.0055  -0.0016  -0.0000  0.0416  -0.0002  -0.0001 | 0.1134  -0.0083  0.0012  -0.0214  -0.0000  0.0088  -0.0027  -0.0000 |
| 4.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6482  -0.0299  0.0136  -0.0353  -0.0000  0.1018  -0.0044  -0.0002 | 0.5061  -0.0764  0.0059  -0.0005  -0.0000  0.0444  -0.0001  -0.0000 | 0.0653  -0.0090  0.0011  -0.0238  -0.0000  0.0079  -0.0030  -0.0001 |
| 4.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5246  -0.0542  0.0151  -0.0353  -0.0000  0.1132  -0.0044  -0.0002 | 0.2851  -0.2484  0.0067  0.0017  0.0000  0.0501  0.0002  0.0001 | 0.0102  -0.0051  0.0005  -0.0383  -0.0000  0.0037  -0.0048  -0.0007 |
| 4.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5163  -0.0404  -0.0104  -0.0373  0.0000  -0.0783  -0.0047  0.0001 | -0.3137  0.3004  0.0066  0.0049  0.0000  0.0497  0.0006  0.0001 | 0.0067  -0.0014  0.0016  -0.0396  0.0000  0.0117  -0.0049  0.0007 |
| 4.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6516  -0.0087  -0.0089  -0.0361  0.0000  -0.0670  -0.0045  0.0001 | -0.5525  0.0998  0.0059  0.0051  0.0000  0.0444  0.0006  0.0000 | 0.0592  0.0002  0.0007  -0.0231  0.0000  0.0050  -0.0029  0.0001 |
| 4.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8046  0.0023  -0.0075  -0.0348  0.0000  -0.0563  -0.0043  0.0001 | -0.6297  0.0085  0.0056  0.0052  0.0000  0.0417  0.0007  0.0000 | 0.1031  0.0021  0.0005  -0.0208  0.0000  0.0039  -0.0026  0.0000 |
| 4.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.9695  -0.0056  -0.0062  -0.0335  0.0000  -0.0461  -0.0042  0.0001 | -0.6545  -0.0536  0.0053  0.0051  -0.0000  0.0395  0.0006  -0.0000 | 0.1524  0.0052  0.0005  -0.0200  -0.0000  0.0035  -0.0025  -0.0000 |
| 4.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.1345  -0.0256  -0.0049  -0.0322  0.0000  -0.0365  -0.0040  0.0001 | -0.6358  -0.0907  0.0050  0.0048  -0.0000  0.0378  0.0006  -0.0000 | 0.2033  0.0093  0.0005  -0.0194  -0.0000  0.0034  -0.0024  -0.0000 |
| 4.675 | 1.550 | 1  2  3  4  5  6  7  8 | -1.2897  -0.0520  -0.0036  -0.0310  0.0000  -0.0272  -0.0039  0.0001 | -0.5816  -0.1070  0.0049  0.0044  -0.0000  0.0365  0.0006  -0.0000 | 0.2523  0.0141  0.0005  -0.0190  -0.0000  0.0034  -0.0024  -0.0000 |
| 4.675 | 1.800 | 1  2  3  4  5  6  7  8 | -1.4272  -0.0800  -0.0024  -0.0300  0.0000  -0.0183  -0.0037  0.0001 | -0.4989  -0.1064  0.0047  0.0039  -0.0000  0.0356  0.0005  -0.0000 | 0.2964  0.0192  0.0005  -0.0186  0.0000  0.0036  -0.0023  0.0000 |
| 4.675 | 2.050 | 1  2  3  4  5  6  7  8 | -1.5407  -0.1059  -0.0013  -0.0291  0.0000  -0.0095  -0.0036  0.0001 | -0.3942  -0.0927  0.0047  0.0032  -0.0000  0.0350  0.0004  -0.0000 | 0.3331  0.0240  0.0005  -0.0183  0.0000  0.0040  -0.0023  0.0000 |
| 4.675 | 2.300 | 1  2  3  4  5  6  7  8 | -1.6254  -0.1269  -0.0001  -0.0284  0.0000  -0.0008  -0.0035  0.0000 | -0.2734  -0.0696  0.0046  0.0025  -0.0000  0.0346  0.0003  -0.0001 | 0.3604  0.0280  0.0006  -0.0180  0.0000  0.0046  -0.0023  0.0000 |
| 4.675 | 2.550 | 1  2  3  4  5  6  7  8 | -1.6781  -0.1410  0.0010  -0.0279  0.0000  0.0078  -0.0035  0.0000 | -0.1417  -0.0403  0.0046  0.0017  -0.0000  0.0343  0.0002  -0.0001 | 0.3769  0.0307  0.0007  -0.0179  0.0000  0.0052  -0.0022  0.0000 |
| 4.675 | 2.800 | 1  2  3  4  5  6  7  8 | -1.6967  -0.1473  0.0022  -0.0276  0.0000  0.0163  -0.0034  0.0000 | -0.0046  -0.0081  0.0046  0.0009  -0.0000  0.0343  0.0001  -0.0001 | 0.3819  0.0316  0.0008  -0.0178  0.0000  0.0060  -0.0022  0.0000 |
| 4.675 | 3.050 | 1  2  3  4  5  6  7  8 | -1.6804  -0.1452  0.0033  -0.0274  -0.0000  0.0249  -0.0034  -0.0000 | 0.1329  0.0240  0.0046  0.0002  -0.0000  0.0343  0.0000  -0.0001 | 0.3753  0.0306  0.0009  -0.0179  0.0000  0.0067  -0.0022  0.0000 |
| 4.675 | 3.300 | 1  2  3  4  5  6  7  8 | -1.6298  -0.1352  0.0045  -0.0275  -0.0000  0.0335  -0.0034  -0.0000 | 0.2655  0.0532  0.0046  -0.0005  -0.0000  0.0345  -0.0001  -0.0001 | 0.3573  0.0274  0.0010  -0.0181  0.0000  0.0074  -0.0023  0.0001 |
| 4.675 | 3.550 | 1  2  3  4  5  6  7  8 | -1.5469  -0.1183  0.0056  -0.0277  -0.0000  0.0421  -0.0035  -0.0001 | 0.3877  0.0768  0.0047  -0.0011  -0.0000  0.0350  -0.0001  -0.0001 | 0.3290  0.0224  0.0011  -0.0183  0.0000  0.0080  -0.0023  0.0000 |
| 4.675 | 3.800 | 1  2  3  4  5  6  7  8 | -1.4348  -0.0963  0.0068  -0.0280  -0.0000  0.0509  -0.0035  -0.0001 | 0.4940  0.0917  0.0047  -0.0016  -0.0000  0.0356  -0.0002  -0.0001 | 0.2919  0.0159  0.0011  -0.0188  0.0000  0.0084  -0.0023  0.0000 |
| 4.675 | 4.050 | 1  2  3  4  5  6  7  8 | -1.2983  -0.0718  0.0080  -0.0285  -0.0000  0.0599  -0.0036  -0.0001 | 0.5781  0.0949  0.0049  -0.0018  -0.0000  0.0365  -0.0002  -0.0001 | 0.2479  0.0087  0.0011  -0.0193  0.0000  0.0086  -0.0024  0.0000 |
| 4.675 | 4.300 | 1  2  3  4  5  6  7  8 | -1.1438  -0.0480  0.0092  -0.0289  -0.0000  0.0692  -0.0036  -0.0001 | 0.6333  0.0833  0.0051  -0.0018  -0.0000  0.0379  -0.0002  -0.0001 | 0.1995  0.0016  0.0012  -0.0199  0.0000  0.0086  -0.0025  0.0000 |
| 4.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.9794  -0.0292  0.0105  -0.0294  -0.0000  0.0788  -0.0037  -0.0002 | 0.6522  0.0532  0.0053  -0.0015  -0.0000  0.0396  -0.0002  -0.0001 | 0.1497  -0.0043  0.0011  -0.0207  -0.0000  0.0085  -0.0026  -0.0000 |
| 4.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8151  -0.0204  0.0119  -0.0297  -0.0000  0.0890  -0.0037  -0.0002 | 0.6268  0.0005  0.0056  -0.0009  -0.0000  0.0419  -0.0001  -0.0001 | 0.1016  -0.0078  0.0011  -0.0216  -0.0000  0.0082  -0.0027  -0.0000 |
| 4.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6630  -0.0277  0.0133  -0.0298  -0.0000  0.0998  -0.0037  -0.0002 | 0.5481  -0.0791  0.0060  0.0001  -0.0000  0.0448  0.0000  -0.0000 | 0.0589  -0.0079  0.0010  -0.0239  -0.0000  0.0076  -0.0030  -0.0001 |
| 4.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5288  -0.0533  0.0148  -0.0297  -0.0000  0.1112  -0.0037  -0.0002 | 0.3051  -0.2575  0.0067  0.0020  0.0000  0.0504  0.0002  0.0001 | 0.0096  -0.0045  0.0005  -0.0388  -0.0000  0.0041  -0.0048  -0.0007 |
| 4.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5215  -0.0403  -0.0106  -0.0320  0.0000  -0.0794  -0.0040  0.0001 | -0.3375  0.3035  0.0067  0.0047  0.0000  0.0499  0.0006  0.0001 | 0.0066  -0.0007  0.0015  -0.0393  0.0000  0.0112  -0.0049  0.0007 |
| 4.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6651  -0.0088  -0.0091  -0.0309  0.0000  -0.0680  -0.0039  0.0001 | -0.5897  0.0989  0.0060  0.0048  0.0000  0.0447  0.0006  0.0000 | 0.0526  0.0012  0.0007  -0.0231  0.0000  0.0052  -0.0029  0.0001 |
| 4.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8285  0.0017  -0.0076  -0.0297  0.0000  -0.0572  -0.0037  0.0001 | -0.6739  0.0062  0.0056  0.0048  0.0000  0.0420  0.0006  0.0000 | 0.0911  0.0030  0.0006  -0.0208  0.0000  0.0043  -0.0026  0.0000 |
| 4.925 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0051  -0.0070  -0.0063  -0.0285  0.0000  -0.0471  -0.0036  0.0001 | -0.7020  -0.0570  0.0053  0.0047  -0.0000  0.0397  0.0006  -0.0000 | 0.1343  0.0057  0.0005  -0.0201  0.0000  0.0040  -0.0025  0.0000 |
| 4.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.1823  -0.0280  -0.0050  -0.0273  0.0000  -0.0374  -0.0034  0.0001 | -0.6832  -0.0949  0.0050  0.0044  -0.0000  0.0379  0.0005  -0.0000 | 0.1789  0.0092  0.0005  -0.0196  0.0000  0.0039  -0.0024  0.0000 |
| 4.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.3492  -0.0554  -0.0038  -0.0263  0.0000  -0.0282  -0.0033  0.0001 | -0.6258  -0.1115  0.0049  0.0040  -0.0000  0.0364  0.0005  -0.0000 | 0.2221  0.0131  0.0005  -0.0192  0.0000  0.0039  -0.0024  0.0000 |
| 4.925 | 1.800 | 1  2  3  4  5  6  7  8 | -1.4972  -0.0846  -0.0026  -0.0253  0.0000  -0.0192  -0.0032  0.0001 | -0.5374  -0.1108  0.0047  0.0035  -0.0000  0.0353  0.0004  -0.0000 | 0.2611  0.0171  0.0005  -0.0188  0.0000  0.0041  -0.0024  0.0000 |
| 4.925 | 2.050 | 1  2  3  4  5  6  7  8 | -1.6195  -0.1115  -0.0014  -0.0245  0.0000  -0.0105  -0.0031  0.0001 | -0.4247  -0.0966  0.0046  0.0029  -0.0000  0.0345  0.0004  -0.0001 | 0.2936  0.0208  0.0006  -0.0186  0.0000  0.0044  -0.0023  0.0000 |
| 4.925 | 2.300 | 1  2  3  4  5  6  7  8 | -1.7108  -0.1334  -0.0003  -0.0239  0.0000  -0.0020  -0.0030  0.0000 | -0.2943  -0.0724  0.0045  0.0023  -0.0000  0.0340  0.0003  -0.0001 | 0.3180  0.0236  0.0006  -0.0183  0.0000  0.0048  -0.0023  0.0000 |
| 4.925 | 2.550 | 1  2  3  4  5  6  7  8 | -1.7674  -0.1482  0.0009  -0.0234  0.0000  0.0065  -0.0029  0.0000 | -0.1521  -0.0418  0.0045  0.0016  -0.0000  0.0337  0.0002  -0.0001 | 0.3328  0.0254  0.0007  -0.0182  0.0000  0.0054  -0.0023  0.0000 |
| 4.925 | 2.800 | 1  2  3  4  5  6  7  8 | -1.7872  -0.1545  0.0020  -0.0231  0.0000  0.0148  -0.0029  0.0000 | -0.0039  -0.0079  0.0045  0.0009  -0.0000  0.0336  0.0001  -0.0001 | 0.3374  0.0256  0.0008  -0.0182  0.0000  0.0059  -0.0023  0.0000 |
| 4.925 | 3.050 | 1  2  3  4  5  6  7  8 | -1.7693  -0.1522  0.0031  -0.0229  -0.0000  0.0232  -0.0029  -0.0000 | 0.1445  0.0262  0.0045  0.0003  -0.0000  0.0337  0.0000  -0.0001 | 0.3316  0.0243  0.0009  -0.0183  0.0000  0.0065  -0.0023  0.0000 |
| 4.925 | 3.300 | 1  2  3  4  5  6  7  8 | -1.7145  -0.1413  0.0042  -0.0229  -0.0000  0.0317  -0.0029  -0.0000 | 0.2874  0.0572  0.0045  -0.0003  -0.0000  0.0340  -0.0000  -0.0001 | 0.3158  0.0213  0.0009  -0.0185  0.0000  0.0070  -0.0023  0.0000 |
| 4.925 | 3.550 | 1  2  3  4  5  6  7  8 | -1.6248  -0.1233  0.0054  -0.0231  -0.0000  0.0402  -0.0029  -0.0001 | 0.4188  0.0822  0.0046  -0.0008  -0.0000  0.0345  -0.0001  -0.0001 | 0.2908  0.0169  0.0010  -0.0188  0.0000  0.0074  -0.0023  0.0000 |
| 4.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.5038  -0.0998  0.0065  -0.0233  -0.0000  0.0489  -0.0029  -0.0001 | 0.5326  0.0981  0.0047  -0.0011  -0.0000  0.0353  -0.0001  -0.0001 | 0.2579  0.0114  0.0010  -0.0192  0.0000  0.0078  -0.0024  0.0000 |
| 4.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.3569  -0.0735  0.0077  -0.0236  -0.0000  0.0578  -0.0029  -0.0001 | 0.6220  0.1016  0.0049  -0.0012  -0.0000  0.0364  -0.0002  -0.0001 | 0.2191  0.0054  0.0011  -0.0197  0.0000  0.0079  -0.0025  0.0000 |
| 4.925 | 4.300 | 1  2  3  4  5  6  7  8 | -1.1908  -0.0481  0.0089  -0.0239  -0.0000  0.0671  -0.0030  -0.0001 | 0.6800  0.0893  0.0051  -0.0012  -0.0000  0.0379  -0.0001  -0.0001 | 0.1764  -0.0004  0.0011  -0.0203  -0.0000  0.0080  -0.0025  -0.0000 |
| 4.925 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0145  -0.0279  0.0102  -0.0242  -0.0000  0.0768  -0.0030  -0.0002 | 0.6988  0.0574  0.0053  -0.0009  -0.0000  0.0398  -0.0001  -0.0001 | 0.1324  -0.0050  0.0011  -0.0209  -0.0000  0.0079  -0.0026  -0.0000 |
| 4.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8387  -0.0183  0.0116  -0.0243  -0.0000  0.0870  -0.0030  -0.0002 | 0.6701  0.0019  0.0056  -0.0003  -0.0000  0.0422  -0.0000  -0.0000 | 0.0900  -0.0075  0.0010  -0.0218  -0.0000  0.0077  -0.0027  -0.0000 |
| 4.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6764  -0.0257  0.0131  -0.0243  -0.0000  0.0978  -0.0030  -0.0002 | 0.5847  -0.0817  0.0060  0.0006  0.0000  0.0450  0.0001  0.0000 | 0.0524  -0.0073  0.0010  -0.0240  -0.0000  0.0073  -0.0030  -0.0001 |
| 4.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5342  -0.0522  0.0146  -0.0241  -0.0000  0.1093  -0.0030  -0.0002 | 0.3311  -0.2689  0.0067  0.0021  0.0000  0.0504  0.0003  0.0001 | 0.0090  -0.0038  0.0006  -0.0385  -0.0000  0.0047  -0.0048  -0.0007 |
| 5.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5249  -0.0407  -0.0108  -0.0268  0.0000  -0.0806  -0.0033  0.0001 | -0.3520  0.3018  0.0067  0.0045  0.0000  0.0501  0.0006  0.0001 | 0.0063  -0.0001  0.0015  -0.0399  0.0000  0.0110  -0.0050  0.0007 |
| 5.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6769  -0.0092  -0.0092  -0.0257  0.0000  -0.0692  -0.0032  0.0001 | -0.6226  0.0979  0.0060  0.0045  0.0000  0.0449  0.0006  0.0000 | 0.0464  0.0018  0.0007  -0.0232  0.0000  0.0055  -0.0029  0.0001 |
| 5.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8495  0.0009  -0.0078  -0.0245  0.0000  -0.0583  -0.0031  0.0001 | -0.7126  0.0042  0.0056  0.0044  0.0000  0.0421  0.0006  0.0000 | 0.0797  0.0034  0.0006  -0.0209  0.0000  0.0047  -0.0026  0.0000 |
| 5.175 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0364  -0.0084  -0.0064  -0.0235  0.0000  -0.0481  -0.0029  0.0001 | -0.7435  -0.0599  0.0053  0.0043  -0.0000  0.0398  0.0005  -0.0000 | 0.1171  0.0057  0.0006  -0.0202  0.0000  0.0044  -0.0025  0.0000 |
| 5.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.2241  -0.0302  -0.0051  -0.0224  0.0000  -0.0384  -0.0028  0.0001 | -0.7248  -0.0983  0.0051  0.0040  -0.0000  0.0379  0.0005  -0.0000 | 0.1559  0.0085  0.0006  -0.0198  0.0000  0.0043  -0.0025  0.0000 |
| 5.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.4012  -0.0585  -0.0039  -0.0215  0.0000  -0.0292  -0.0027  0.0001 | -0.6647  -0.1151  0.0048  0.0037  -0.0000  0.0363  0.0005  -0.0000 | 0.1935  0.0116  0.0006  -0.0194  0.0000  0.0044  -0.0024  0.0000 |
| 5.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.5585  -0.0886  -0.0027  -0.0206  0.0000  -0.0203  -0.0026  0.0001 | -0.5713  -0.1142  0.0047  0.0032  -0.0000  0.0351  0.0004  -0.0001 | 0.2276  0.0146  0.0006  -0.0191  0.0000  0.0045  -0.0024  0.0000 |
| 5.175 | 2.050 | 1  2  3  4  5  6  7  8 | -1.6885  -0.1164  -0.0016  -0.0198  0.0000  -0.0117  -0.0025  0.0001 | -0.4517  -0.0994  0.0046  0.0027  -0.0000  0.0342  0.0003  -0.0001 | 0.2562  0.0172  0.0006  -0.0189  0.0000  0.0047  -0.0024  0.0000 |
| 5.175 | 2.300 | 1  2  3  4  5  6  7  8 | -1.7856  -0.1388  -0.0004  -0.0192  0.0000  -0.0032  -0.0024  0.0000 | -0.3129  -0.0743  0.0045  0.0021  -0.0000  0.0336  0.0003  -0.0001 | 0.2776  0.0191  0.0007  -0.0187  0.0000  0.0050  -0.0023  0.0000 |
| 5.175 | 2.550 | 1  2  3  4  5  6  7  8 | -1.8458  -0.1539  0.0007  -0.0188  0.0000  0.0051  -0.0023  0.0000 | -0.1613  -0.0425  0.0044  0.0016  -0.0000  0.0332  0.0002  -0.0001 | 0.2908  0.0201  0.0007  -0.0186  0.0000  0.0054  -0.0023  0.0000 |
| 5.175 | 2.800 | 1  2  3  4  5  6  7  8 | -1.8667  -0.1603  0.0018  -0.0185  -0.0000  0.0134  -0.0023  -0.0000 | -0.0034  -0.0072  0.0044  0.0010  -0.0000  0.0331  0.0001  -0.0001 | 0.2950  0.0198  0.0008  -0.0186  0.0000  0.0059  -0.0023  0.0000 |
| 5.175 | 3.050 | 1  2  3  4  5  6  7  8 | -1.8475  -0.1575  0.0029  -0.0183  -0.0000  0.0216  -0.0023  -0.0000 | 0.1547  0.0283  0.0044  0.0004  -0.0000  0.0332  0.0001  -0.0001 | 0.2900  0.0183  0.0008  -0.0187  0.0000  0.0063  -0.0023  0.0000 |
| 5.175 | 3.300 | 1  2  3  4  5  6  7  8 | -1.7889  -0.1460  0.0040  -0.0182  -0.0000  0.0300  -0.0023  -0.0000 | 0.3067  0.0607  0.0045  -0.0000  -0.0000  0.0336  -0.0000  -0.0001 | 0.2762  0.0156  0.0009  -0.0189  0.0000  0.0067  -0.0024  0.0000 |
| 5.175 | 3.550 | 1  2  3  4  5  6  7  8 | -1.6932  -0.1269  0.0051  -0.0183  -0.0000  0.0384  -0.0023  -0.0001 | 0.4462  0.0869  0.0046  -0.0004  -0.0000  0.0342  -0.0001  -0.0001 | 0.2544  0.0117  0.0009  -0.0192  0.0000  0.0070  -0.0024  0.0000 |
| 5.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.5645  -0.1021  0.0063  -0.0185  -0.0000  0.0470  -0.0023  -0.0001 | 0.5665  0.1034  0.0047  -0.0007  -0.0000  0.0351  -0.0001  -0.0001 | 0.2257  0.0072  0.0010  -0.0196  0.0000  0.0073  -0.0024  0.0000 |
| 5.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.4083  -0.0745  0.0075  -0.0186  -0.0000  0.0559  -0.0023  -0.0001 | 0.6606  0.1070  0.0048  -0.0007  -0.0000  0.0363  -0.0001  -0.0001 | 0.1917  0.0024  0.0010  -0.0200  -0.0000  0.0074  -0.0025  -0.0000 |
| 5.175 | 4.300 | 1  2  3  4  5  6  7  8 | -1.2321  -0.0477  0.0087  -0.0188  -0.0000  0.0652  -0.0024  -0.0001 | 0.7210  0.0940  0.0051  -0.0006  -0.0000  0.0379  -0.0001  -0.0001 | 0.1543  -0.0021  0.0010  -0.0205  -0.0000  0.0075  -0.0026  -0.0000 |
| 5.175 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0453  -0.0264  0.0100  -0.0190  -0.0000  0.0749  -0.0024  -0.0002 | 0.7398  0.0606  0.0053  -0.0003  -0.0000  0.0399  -0.0000  -0.0001 | 0.1160  -0.0056  0.0010  -0.0211  -0.0000  0.0074  -0.0026  -0.0000 |
| 5.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8594  -0.0162  0.0114  -0.0190  -0.0000  0.0851  -0.0024  -0.0002 | 0.7083  0.0027  0.0056  0.0002  -0.0000  0.0423  0.0000  -0.0000 | 0.0790  -0.0073  0.0010  -0.0219  -0.0000  0.0073  -0.0027  -0.0001 |
| 5.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6880  -0.0238  0.0128  -0.0188  -0.0000  0.0960  -0.0024  -0.0002 | 0.6175  -0.0843  0.0060  0.0010  0.0000  0.0451  0.0001  0.0000 | 0.0462  -0.0066  0.0009  -0.0240  -0.0000  0.0070  -0.0030  -0.0001 |
| 5.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5374  -0.0511  0.0143  -0.0185  -0.0000  0.1075  -0.0023  -0.0002 | 0.3453  -0.2787  0.0067  0.0023  0.0000  0.0506  0.0003  0.0001 | 0.0083  -0.0033  0.0007  -0.0390  -0.0000  0.0051  -0.0049  -0.0007 |
| 5.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5297  -0.0409  -0.0109  -0.0215  0.0000  -0.0819  -0.0027  0.0001 | -0.3732  0.3023  0.0067  0.0043  0.0000  0.0502  0.0005  0.0001 | 0.0059  0.0003  0.0014  -0.0395  0.0000  0.0104  -0.0049  0.0007 |
| 5.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6874  -0.0097  -0.0094  -0.0205  0.0000  -0.0704  -0.0026  0.0001 | -0.6503  0.0968  0.0060  0.0042  0.0000  0.0451  0.0005  0.0000 | 0.0404  0.0018  0.0008  -0.0231  0.0000  0.0056  -0.0029  0.0001 |
| 5.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8678  0.0001  -0.0079  -0.0194  0.0000  -0.0595  -0.0024  0.0001 | -0.7457  0.0023  0.0056  0.0041  0.0000  0.0423  0.0005  0.0000 | 0.0690  0.0034  0.0007  -0.0209  0.0000  0.0050  -0.0026  0.0000 |
| 5.425 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0635  -0.0098  -0.0066  -0.0184  0.0000  -0.0493  -0.0023  0.0001 | -0.7794  -0.0622  0.0053  0.0039  -0.0000  0.0399  0.0005  -0.0000 | 0.1011  0.0053  0.0006  -0.0203  0.0000  0.0048  -0.0025  0.0000 |
| 5.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.2603  -0.0322  -0.0053  -0.0175  0.0000  -0.0396  -0.0022  0.0001 | -0.7607  -0.1009  0.0051  0.0037  -0.0000  0.0379  0.0005  -0.0000 | 0.1345  0.0075  0.0006  -0.0199  0.0000  0.0047  -0.0025  0.0000 |
| 5.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.4463  -0.0612  -0.0040  -0.0166  0.0000  -0.0303  -0.0021  0.0001 | -0.6985  -0.1177  0.0048  0.0034  -0.0000  0.0363  0.0004  -0.0000 | 0.1670  0.0098  0.0006  -0.0196  0.0000  0.0047  -0.0025  0.0000 |
| 5.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.6117  -0.0919  -0.0029  -0.0158  0.0000  -0.0215  -0.0020  0.0001 | -0.6008  -0.1166  0.0047  0.0030  -0.0000  0.0350  0.0004  -0.0001 | 0.1966  0.0118  0.0006  -0.0194  0.0000  0.0048  -0.0024  0.0000 |
| 5.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.7484  -0.1202  -0.0017  -0.0151  0.0000  -0.0129  -0.0019  0.0000 | -0.4753  -0.1013  0.0045  0.0025  -0.0000  0.0340  0.0003  -0.0001 | 0.2214  0.0135  0.0007  -0.0192  0.0000  0.0050  -0.0024  0.0000 |
| 5.425 | 2.300 | 1  2  3  4  5  6  7  8 | -1.8506  -0.1431  -0.0006  -0.0145  0.0000  -0.0045  -0.0018  0.0000 | -0.3292  -0.0754  0.0044  0.0020  -0.0000  0.0333  0.0003  -0.0001 | 0.2401  0.0146  0.0007  -0.0190  0.0000  0.0052  -0.0024  0.0000 |
| 5.425 | 2.550 | 1  2  3  4  5  6  7  8 | -1.9139  -0.1583  0.0005  -0.0141  0.0000  0.0037  -0.0018  0.0000 | -0.1696  -0.0426  0.0044  0.0015  -0.0000  0.0329  0.0002  -0.0001 | 0.2517  0.0149  0.0007  -0.0190  0.0000  0.0055  -0.0024  0.0000 |
| 5.425 | 2.800 | 1  2  3  4  5  6  7  8 | -1.9358  -0.1646  0.0016  -0.0138  -0.0000  0.0119  -0.0017  -0.0000 | -0.0031  -0.0062  0.0044  0.0010  -0.0000  0.0327  0.0001  -0.0001 | 0.2555  0.0143  0.0008  -0.0190  0.0000  0.0058  -0.0024  0.0000 |
| 5.425 | 3.050 | 1  2  3  4  5  6  7  8 | -1.9154  -0.1615  0.0027  -0.0136  -0.0000  0.0201  -0.0017  -0.0000 | 0.1635  0.0304  0.0044  0.0006  -0.0000  0.0328  0.0001  -0.0001 | 0.2513  0.0127  0.0008  -0.0191  0.0000  0.0061  -0.0024  0.0000 |
| 5.425 | 3.300 | 1  2  3  4  5  6  7  8 | -1.8536  -0.1493  0.0038  -0.0135  -0.0000  0.0283  -0.0017  -0.0001 | 0.3235  0.0638  0.0044  0.0002  -0.0000  0.0332  0.0000  -0.0001 | 0.2394  0.0102  0.0009  -0.0193  0.0000  0.0064  -0.0024  0.0000 |
| 5.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.7528  -0.1292  0.0049  -0.0135  -0.0000  0.0367  -0.0017  -0.0001 | 0.4700  0.0908  0.0045  -0.0001  -0.0000  0.0339  -0.0000  -0.0001 | 0.2205  0.0070  0.0009  -0.0196  0.0000  0.0067  -0.0024  0.0000 |
| 5.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.6173  -0.1034  0.0060  -0.0135  -0.0000  0.0453  -0.0017  -0.0001 | 0.5961  0.1077  0.0047  -0.0003  -0.0000  0.0349  -0.0000  -0.0001 | 0.1956  0.0033  0.0009  -0.0199  -0.0000  0.0068  -0.0025  -0.0000 |
| 5.425 | 4.050 | 1  2  3  4  5  6  7  8 | -1.4531  -0.0747  0.0072  -0.0136  -0.0000  0.0541  -0.0017  -0.0001 | 0.6942  0.1112  0.0048  -0.0003  -0.0000  0.0362  -0.0000  -0.0001 | 0.1662  -0.0004  0.0009  -0.0203  -0.0000  0.0070  -0.0025  -0.0000 |
| 5.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.2681  -0.0469  0.0085  -0.0137  -0.0000  0.0634  -0.0017  -0.0001 | 0.7567  0.0976  0.0051  -0.0001  -0.0000  0.0379  -0.0000  -0.0001 | 0.1338  -0.0037  0.0009  -0.0208  -0.0000  0.0070  -0.0026  -0.0000 |
| 5.425 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0722  -0.0249  0.0097  -0.0137  -0.0000  0.0731  -0.0017  -0.0001 | 0.7753  0.0628  0.0053  0.0002  -0.0000  0.0399  0.0000  -0.0000 | 0.1006  -0.0061  0.0009  -0.0213  -0.0000  0.0070  -0.0027  -0.0000 |
| 5.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8776  -0.0143  0.0111  -0.0136  -0.0000  0.0833  -0.0017  -0.0002 | 0.7413  0.0028  0.0057  0.0006  -0.0000  0.0424  0.0001  -0.0000 | 0.0687  -0.0069  0.0009  -0.0220  -0.0000  0.0069  -0.0027  -0.0001 |
| 5.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6984  -0.0222  0.0126  -0.0133  -0.0000  0.0942  -0.0017  -0.0002 | 0.6453  -0.0870  0.0060  0.0013  0.0000  0.0452  0.0002  0.0000 | 0.0404  -0.0058  0.0009  -0.0240  -0.0000  0.0068  -0.0030  -0.0001 |
| 5.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5419  -0.0503  0.0141  -0.0130  -0.0000  0.1058  -0.0016  -0.0002 | 0.3659  -0.2875  0.0067  0.0024  0.0000  0.0506  0.0003  0.0001 | 0.0079  -0.0026  0.0008  -0.0386  -0.0000  0.0056  -0.0048  -0.0007 |
| 5.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5321  -0.0410  -0.0111  -0.0163  0.0000  -0.0832  -0.0020  0.0001 | -0.3820  0.3027  0.0067  0.0042  0.0000  0.0504  0.0005  0.0000 | 0.0054  0.0008  0.0014  -0.0400  0.0000  0.0102  -0.0050  0.0007 |
| 5.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6963  -0.0101  -0.0096  -0.0153  0.0000  -0.0717  -0.0019  0.0001 | -0.6747  0.0956  0.0060  0.0040  0.0000  0.0452  0.0005  0.0000 | 0.0347  0.0019  0.0008  -0.0232  0.0000  0.0058  -0.0029  0.0001 |
| 5.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8834  -0.0007  -0.0081  -0.0143  0.0000  -0.0608  -0.0018  0.0001 | -0.7742  0.0007  0.0057  0.0038  -0.0000  0.0424  0.0005  -0.0000 | 0.0590  0.0032  0.0007  -0.0210  0.0000  0.0052  -0.0026  0.0000 |
| 5.675 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0867  -0.0110  -0.0067  -0.0133  0.0000  -0.0505  -0.0017  0.0001 | -0.8101  -0.0641  0.0053  0.0037  -0.0000  0.0400  0.0005  -0.0000 | 0.0864  0.0047  0.0007  -0.0204  0.0000  0.0050  -0.0025  0.0000 |
| 5.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.2914  -0.0339  -0.0054  -0.0125  0.0000  -0.0408  -0.0016  0.0001 | -0.7917  -0.1028  0.0051  0.0034  -0.0000  0.0379  0.0004  -0.0000 | 0.1150  0.0062  0.0007  -0.0201  0.0000  0.0050  -0.0025  0.0000 |
| 5.675 | 1.550 | 1  2  3  4  5  6  7  8 | -1.4850  -0.0635  -0.0042  -0.0116  0.0000  -0.0315  -0.0015  0.0001 | -0.7276  -0.1195  0.0048  0.0031  -0.0000  0.0362  0.0004  -0.0000 | 0.1428  0.0077  0.0007  -0.0198  0.0000  0.0050  -0.0025  0.0000 |
| 5.675 | 1.800 | 1  2  3  4  5  6  7  8 | -1.6573  -0.0946  -0.0030  -0.0109  0.0000  -0.0227  -0.0014  0.0001 | -0.6264  -0.1181  0.0047  0.0027  -0.0000  0.0349  0.0003  -0.0001 | 0.1683  0.0090  0.0007  -0.0196  0.0000  0.0050  -0.0025  0.0000 |
| 5.675 | 2.050 | 1  2  3  4  5  6  7  8 | -1.7999  -0.1232  -0.0019  -0.0103  0.0000  -0.0141  -0.0013  0.0000 | -0.4958  -0.1023  0.0045  0.0024  -0.0000  0.0338  0.0003  -0.0001 | 0.1897  0.0098  0.0007  -0.0195  0.0000  0.0051  -0.0024  0.0000 |
| 5.675 | 2.300 | 1  2  3  4  5  6  7  8 | -1.9065  -0.1462  -0.0008  -0.0097  0.0000  -0.0058  -0.0012  0.0000 | -0.3435  -0.0758  0.0044  0.0019  -0.0000  0.0331  0.0002  -0.0001 | 0.2060  0.0102  0.0007  -0.0194  0.0000  0.0053  -0.0024  0.0000 |
| 5.675 | 2.550 | 1  2  3  4  5  6  7  8 | -1.9725  -0.1615  0.0003  -0.0093  0.0000  0.0024  -0.0012  0.0000 | -0.1768  -0.0422  0.0044  0.0015  -0.0000  0.0326  0.0002  -0.0001 | 0.2160  0.0099  0.0007  -0.0193  0.0000  0.0055  -0.0024  0.0000 |
| 5.675 | 2.800 | 1  2  3  4  5  6  7  8 | -1.9953  -0.1675  0.0014  -0.0090  -0.0000  0.0105  -0.0011  -0.0000 | -0.0030  -0.0050  0.0043  0.0011  -0.0000  0.0325  0.0001  -0.0001 | 0.2194  0.0090  0.0008  -0.0194  0.0000  0.0057  -0.0024  0.0000 |
| 5.675 | 3.050 | 1  2  3  4  5  6  7  8 | -1.9740  -0.1640  0.0025  -0.0088  -0.0000  0.0186  -0.0011  -0.0000 | 0.1710  0.0324  0.0043  0.0008  -0.0000  0.0326  0.0001  -0.0001 | 0.2159  0.0074  0.0008  -0.0195  0.0000  0.0059  -0.0024  0.0000 |
| 5.675 | 3.300 | 1  2  3  4  5  6  7  8 | -1.9094  -0.1512  0.0036  -0.0086  -0.0000  0.0268  -0.0011  -0.0001 | 0.3379  0.0665  0.0044  0.0004  -0.0000  0.0330  0.0001  -0.0001 | 0.2058  0.0052  0.0008  -0.0197  -0.0000  0.0062  -0.0025  -0.0000 |
| 5.675 | 3.550 | 1  2  3  4  5  6  7  8 | -1.8042  -0.1304  0.0047  -0.0085  -0.0000  0.0351  -0.0011  -0.0001 | 0.4906  0.0939  0.0045  0.0002  -0.0000  0.0337  0.0000  -0.0001 | 0.1896  0.0026  0.0008  -0.0199  -0.0000  0.0064  -0.0025  -0.0000 |
| 5.675 | 3.800 | 1  2  3  4  5  6  7  8 | -1.6628  -0.1037  0.0058  -0.0085  -0.0000  0.0436  -0.0011  -0.0001 | 0.6216  0.1110  0.0046  0.0001  -0.0000  0.0348  0.0000  -0.0001 | 0.1682  -0.0002  0.0009  -0.0202  -0.0000  0.0065  -0.0025  -0.0000 |
| 5.675 | 4.050 | 1  2  3  4  5  6  7  8 | -1.4917  -0.0742  0.0070  -0.0085  -0.0000  0.0524  -0.0011  -0.0001 | 0.7232  0.1143  0.0048  0.0001  -0.0000  0.0361  0.0000  -0.0001 | 0.1428  -0.0029  0.0009  -0.0206  -0.0000  0.0066  -0.0026  -0.0000 |
| 5.675 | 4.300 | 1  2  3  4  5  6  7  8 | -1.2991  -0.0457  0.0082  -0.0084  -0.0000  0.0616  -0.0011  -0.0001 | 0.7874  0.1000  0.0051  0.0003  -0.0000  0.0379  0.0000  -0.0001 | 0.1151  -0.0052  0.0009  -0.0210  -0.0000  0.0066  -0.0026  -0.0000 |
| 5.675 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0954  -0.0232  0.0095  -0.0083  -0.0000  0.0713  -0.0010  -0.0001 | 0.8059  0.0640  0.0053  0.0006  -0.0000  0.0399  0.0001  -0.0000 | 0.0866  -0.0066  0.0009  -0.0214  -0.0000  0.0067  -0.0027  -0.0000 |
| 5.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8933  -0.0125  0.0109  -0.0081  -0.0000  0.0816  -0.0010  -0.0001 | 0.7698  0.0022  0.0057  0.0010  -0.0000  0.0424  0.0001  -0.0000 | 0.0593  -0.0067  0.0009  -0.0221  -0.0000  0.0066  -0.0028  -0.0001 |
| 5.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7073  -0.0207  0.0123  -0.0078  -0.0000  0.0925  -0.0010  -0.0001 | 0.6698  -0.0897  0.0060  0.0015  0.0000  0.0452  0.0002  0.0000 | 0.0351  -0.0053  0.0009  -0.0241  -0.0000  0.0066  -0.0030  -0.0001 |
| 5.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5444  -0.0500  0.0139  -0.0074  -0.0000  0.1041  -0.0009  -0.0001 | 0.3758  -0.2921  0.0068  0.0026  0.0000  0.0507  0.0003  0.0000 | 0.0076  -0.0019  0.0008  -0.0390  -0.0000  0.0061  -0.0049  -0.0007 |
| 5.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5359  -0.0411  -0.0113  -0.0110  0.0000  -0.0846  -0.0014  0.0001 | -0.3982  0.3033  0.0067  0.0041  0.0000  0.0505  0.0005  0.0000 | 0.0053  0.0014  0.0013  -0.0396  0.0000  0.0097  -0.0050  0.0007 |
| 5.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7041  -0.0105  -0.0097  -0.0101  0.0000  -0.0730  -0.0013  0.0001 | -0.6946  0.0945  0.0060  0.0038  -0.0000  0.0453  0.0005  -0.0000 | 0.0296  0.0021  0.0008  -0.0232  0.0000  0.0060  -0.0029  0.0001 |
| 5.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8968  -0.0015  -0.0083  -0.0091  0.0000  -0.0621  -0.0011  0.0001 | -0.7981  -0.0005  0.0057  0.0036  -0.0000  0.0425  0.0005  -0.0000 | 0.0499  0.0030  0.0007  -0.0211  0.0000  0.0054  -0.0026  0.0000 |
| 5.925 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1064  -0.0121  -0.0069  -0.0082  0.0000  -0.0518  -0.0010  0.0001 | -0.8362  -0.0653  0.0053  0.0034  -0.0000  0.0401  0.0004  -0.0000 | 0.0730  0.0040  0.0007  -0.0205  0.0000  0.0053  -0.0026  0.0000 |
| 5.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3178  -0.0353  -0.0056  -0.0074  0.0000  -0.0421  -0.0009  0.0001 | -0.8180  -0.1040  0.0051  0.0032  -0.0000  0.0380  0.0004  -0.0000 | 0.0972  0.0049  0.0007  -0.0202  0.0000  0.0052  -0.0025  0.0000 |
| 5.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.5180  -0.0651  -0.0044  -0.0067  0.0000  -0.0328  -0.0008  0.0001 | -0.7526  -0.1205  0.0048  0.0029  -0.0000  0.0362  0.0004  -0.0000 | 0.1210  0.0056  0.0007  -0.0200  0.0000  0.0052  -0.0025  0.0000 |
| 5.925 | 1.800 | 1  2  3  4  5  6  7  8 | -1.6962  -0.0965  -0.0032  -0.0060  0.0000  -0.0240  -0.0007  0.0001 | -0.6484  -0.1188  0.0046  0.0026  -0.0000  0.0348  0.0003  -0.0001 | 0.1428  0.0061  0.0007  -0.0199  0.0000  0.0052  -0.0025  0.0000 |
| 5.925 | 2.050 | 1  2  3  4  5  6  7  8 | -1.8438  -0.1252  -0.0021  -0.0054  0.0000  -0.0154  -0.0007  0.0000 | -0.5135  -0.1026  0.0045  0.0022  -0.0000  0.0337  0.0003  -0.0001 | 0.1612  0.0062  0.0007  -0.0197  0.0000  0.0052  -0.0025  0.0000 |
| 5.925 | 2.300 | 1  2  3  4  5  6  7  8 | -1.9542  -0.1483  -0.0010  -0.0049  0.0000  -0.0071  -0.0006  0.0000 | -0.3559  -0.0756  0.0044  0.0019  -0.0000  0.0329  0.0002  -0.0001 | 0.1752  0.0059  0.0007  -0.0197  0.0000  0.0053  -0.0025  0.0000 |
| 5.925 | 2.550 | 1  2  3  4  5  6  7  8 | -2.0226  -0.1634  0.0001  -0.0044  0.0000  0.0010  -0.0006  0.0000 | -0.1832  -0.0414  0.0043  0.0015  -0.0000  0.0324  0.0002  -0.0001 | 0.1840  0.0052  0.0007  -0.0196  0.0000  0.0055  -0.0025  0.0000 |
| 5.925 | 2.800 | 1  2  3  4  5  6  7  8 | -2.0462  -0.1692  0.0012  -0.0041  -0.0000  0.0091  -0.0005  -0.0000 | -0.0030  -0.0037  0.0043  0.0012  -0.0000  0.0323  0.0001  -0.0001 | 0.1871  0.0040  0.0008  -0.0197  0.0000  0.0056  -0.0025  0.0000 |
| 5.925 | 3.050 | 1  2  3  4  5  6  7  8 | -2.0241  -0.1652  0.0023  -0.0038  -0.0000  0.0171  -0.0005  -0.0000 | 0.1773  0.0342  0.0043  0.0009  -0.0000  0.0324  0.0001  -0.0001 | 0.1842  0.0024  0.0008  -0.0198  -0.0000  0.0058  -0.0025  -0.0000 |
| 5.925 | 3.300 | 1  2  3  4  5  6  7  8 | -1.9571  -0.1519  0.0034  -0.0037  -0.0000  0.0252  -0.0005  -0.0000 | 0.3502  0.0687  0.0044  0.0007  -0.0000  0.0328  0.0001  -0.0001 | 0.1756  0.0006  0.0008  -0.0200  -0.0000  0.0060  -0.0025  -0.0000 |
| 5.925 | 3.550 | 1  2  3  4  5  6  7  8 | -1.8481  -0.1305  0.0045  -0.0035  -0.0000  0.0335  -0.0004  -0.0001 | 0.5082  0.0963  0.0045  0.0005  -0.0000  0.0336  0.0001  -0.0001 | 0.1617  -0.0015  0.0008  -0.0202  -0.0000  0.0061  -0.0025  -0.0000 |
| 5.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.7018  -0.1032  0.0056  -0.0034  -0.0000  0.0420  -0.0004  -0.0001 | 0.6434  0.1134  0.0046  0.0004  -0.0000  0.0347  0.0001  -0.0001 | 0.1435  -0.0035  0.0008  -0.0205  -0.0000  0.0062  -0.0026  -0.0000 |
| 5.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.5247  -0.0731  0.0068  -0.0033  -0.0000  0.0508  -0.0004  -0.0001 | 0.7480  0.1164  0.0048  0.0005  -0.0000  0.0361  0.0001  -0.0001 | 0.1218  -0.0053  0.0008  -0.0208  -0.0000  0.0063  -0.0026  -0.0000 |
| 5.925 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3256  -0.0442  0.0080  -0.0032  -0.0000  0.0600  -0.0004  -0.0001 | 0.8138  0.1014  0.0050  0.0006  -0.0000  0.0378  0.0001  -0.0000 | 0.0981  -0.0065  0.0008  -0.0212  -0.0000  0.0063  -0.0026  -0.0000 |
| 5.925 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1153  -0.0214  0.0093  -0.0030  -0.0000  0.0697  -0.0004  -0.0001 | 0.8320  0.0644  0.0053  0.0009  -0.0000  0.0399  0.0001  -0.0000 | 0.0739  -0.0070  0.0008  -0.0216  -0.0000  0.0063  -0.0027  -0.0001 |
| 5.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9067  -0.0108  0.0107  -0.0027  -0.0000  0.0800  -0.0003  -0.0001 | 0.7939  0.0013  0.0057  0.0013  -0.0000  0.0424  0.0002  -0.0000 | 0.0506  -0.0065  0.0008  -0.0222  -0.0000  0.0064  -0.0028  -0.0001 |
| 5.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7152  -0.0194  0.0121  -0.0023  -0.0000  0.0909  -0.0003  -0.0001 | 0.6899  -0.0923  0.0060  0.0018  -0.0000  0.0453  0.0002  -0.0000 | 0.0301  -0.0049  0.0008  -0.0241  -0.0000  0.0064  -0.0030  -0.0001 |
| 5.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5483  -0.0494  0.0137  -0.0018  -0.0000  0.1025  -0.0002  -0.0001 | 0.3932  -0.2990  0.0068  0.0027  0.0000  0.0506  0.0003  0.0000 | 0.0070  -0.0014  0.0009  -0.0386  -0.0000  0.0066  -0.0048  -0.0007 |
| 6.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5377  -0.0415  -0.0115  -0.0058  0.0000  -0.0860  -0.0007  0.0001 | -0.4032  0.3004  0.0068  0.0040  0.0000  0.0507  0.0005  0.0000 | 0.0050  0.0021  0.0012  -0.0401  0.0000  0.0094  -0.0050  0.0007 |
| 6.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7105  -0.0111  -0.0099  -0.0049  0.0000  -0.0744  -0.0006  0.0001 | -0.7117  0.0936  0.0061  0.0037  -0.0000  0.0454  0.0005  -0.0000 | 0.0247  0.0022  0.0008  -0.0233  0.0000  0.0061  -0.0029  0.0001 |
| 6.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9080  -0.0022  -0.0085  -0.0040  0.0000  -0.0634  -0.0005  0.0001 | -0.8184  -0.0013  0.0057  0.0035  -0.0000  0.0426  0.0004  -0.0000 | 0.0415  0.0027  0.0008  -0.0211  0.0000  0.0056  -0.0026  0.0000 |
| 6.175 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1230  -0.0130  -0.0071  -0.0031  0.0000  -0.0531  -0.0004  0.0001 | -0.8582  -0.0660  0.0054  0.0032  -0.0000  0.0401  0.0004  -0.0000 | 0.0608  0.0032  0.0007  -0.0206  0.0000  0.0055  -0.0026  0.0000 |
| 6.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3400  -0.0364  -0.0058  -0.0023  0.0000  -0.0434  -0.0003  0.0001 | -0.8404  -0.1045  0.0051  0.0030  -0.0000  0.0380  0.0004  -0.0000 | 0.0812  0.0035  0.0007  -0.0204  0.0000  0.0054  -0.0025  0.0000 |
| 6.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.5457  -0.0663  -0.0046  -0.0016  0.0000  -0.0341  -0.0002  0.0001 | -0.7739  -0.1207  0.0048  0.0027  -0.0000  0.0362  0.0003  -0.0000 | 0.1014  0.0035  0.0007  -0.0202  0.0000  0.0053  -0.0025  0.0000 |
| 6.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.7290  -0.0976  -0.0034  -0.0010  0.0000  -0.0253  -0.0001  0.0000 | -0.6672  -0.1187  0.0046  0.0024  -0.0000  0.0348  0.0003  -0.0001 | 0.1200  0.0032  0.0007  -0.0201  0.0000  0.0053  -0.0025  0.0000 |
| 6.175 | 2.050 | 1  2  3  4  5  6  7  8 | -1.8810  -0.1263  -0.0022  -0.0004  0.0000  -0.0167  -0.0001  0.0000 | -0.5288  -0.1021  0.0045  0.0021  -0.0000  0.0336  0.0003  -0.0001 | 0.1359  0.0026  0.0007  -0.0200  0.0000  0.0053  -0.0025  0.0000 |
| 6.175 | 2.300 | 1  2  3  4  5  6  7  8 | -1.9947  -0.1492  -0.0011  0.0001  0.0000  -0.0085  0.0000  0.0000 | -0.3667  -0.0748  0.0044  0.0018  -0.0000  0.0328  0.0002  -0.0001 | 0.1480  0.0017  0.0007  -0.0199  0.0000  0.0054  -0.0025  0.0000 |
| 6.175 | 2.550 | 1  2  3  4  5  6  7  8 | -2.0652  -0.1641  -0.0000  0.0005  0.0000  -0.0004  0.0001  0.0000 | -0.1888  -0.0403  0.0043  0.0016  -0.0000  0.0323  0.0002  -0.0001 | 0.1557  0.0006  0.0007  -0.0199  0.0000  0.0055  -0.0025  0.0000 |
| 6.175 | 2.800 | 1  2  3  4  5  6  7  8 | -2.0895  -0.1696  0.0010  0.0009  -0.0000  0.0077  0.0001  -0.0000 | -0.0031  -0.0022  0.0043  0.0013  -0.0000  0.0321  0.0002  -0.0001 | 0.1585  -0.0008  0.0007  -0.0200  0.0000  0.0056  -0.0025  0.0000 |
| 6.175 | 3.050 | 1  2  3  4  5  6  7  8 | -2.0667  -0.1652  0.0021  0.0011  -0.0000  0.0157  0.0001  -0.0000 | 0.1827  0.0359  0.0043  0.0011  -0.0000  0.0322  0.0001  -0.0001 | 0.1562  -0.0023  0.0008  -0.0201  -0.0000  0.0057  -0.0025  -0.0000 |
| 6.175 | 3.300 | 1  2  3  4  5  6  7  8 | -1.9977  -0.1515  0.0032  0.0014  -0.0000  0.0238  0.0002  -0.0000 | 0.3607  0.0705  0.0044  0.0009  -0.0000  0.0327  0.0001  -0.0001 | 0.1489  -0.0039  0.0008  -0.0203  -0.0000  0.0058  -0.0025  -0.0000 |
| 6.175 | 3.550 | 1  2  3  4  5  6  7  8 | -1.8855  -0.1297  0.0043  0.0016  -0.0000  0.0320  0.0002  -0.0001 | 0.5232  0.0980  0.0045  0.0008  -0.0000  0.0335  0.0001  -0.0001 | 0.1371  -0.0054  0.0008  -0.0205  -0.0000  0.0059  -0.0026  -0.0000 |
| 6.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.7349  -0.1019  0.0054  0.0018  -0.0000  0.0405  0.0002  -0.0001 | 0.6621  0.1149  0.0046  0.0007  -0.0000  0.0346  0.0001  -0.0001 | 0.1215  -0.0067  0.0008  -0.0208  -0.0000  0.0060  -0.0026  -0.0000 |
| 6.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.5528  -0.0715  0.0066  0.0019  -0.0000  0.0493  0.0002  -0.0001 | 0.7692  0.1175  0.0048  0.0008  -0.0000  0.0360  0.0001  -0.0001 | 0.1030  -0.0076  0.0008  -0.0210  -0.0000  0.0060  -0.0026  -0.0000 |
| 6.175 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3482  -0.0423  0.0078  0.0022  -0.0000  0.0585  0.0003  -0.0001 | 0.8361  0.1018  0.0050  0.0009  -0.0000  0.0378  0.0001  -0.0000 | 0.0829  -0.0079  0.0008  -0.0213  -0.0000  0.0061  -0.0027  -0.0000 |
| 6.175 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1322  -0.0195  0.0091  0.0024  -0.0000  0.0682  0.0003  -0.0001 | 0.8542  0.0641  0.0053  0.0012  -0.0000  0.0399  0.0002  -0.0000 | 0.0624  -0.0075  0.0008  -0.0217  -0.0000  0.0061  -0.0027  -0.0001 |
| 6.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9182  -0.0091  0.0105  0.0028  -0.0000  0.0784  0.0003  -0.0001 | 0.8145  0.0000  0.0057  0.0016  -0.0000  0.0424  0.0002  -0.0000 | 0.0428  -0.0063  0.0008  -0.0223  -0.0000  0.0061  -0.0028  -0.0001 |
| 6.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7217  -0.0182  0.0119  0.0032  -0.0000  0.0894  0.0004  -0.0001 | 0.7077  -0.0948  0.0060  0.0020  -0.0000  0.0453  0.0002  -0.0000 | 0.0256  -0.0044  0.0008  -0.0242  -0.0000  0.0062  -0.0030  -0.0001 |
| 6.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5498  -0.0487  0.0135  0.0037  -0.0000  0.1009  0.0005  -0.0001 | 0.3976  -0.3047  0.0068  0.0028  0.0000  0.0507  0.0003  0.0000 | 0.0065  -0.0008  0.0009  -0.0390  -0.0000  0.0071  -0.0049  -0.0007 |
| 6.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5408  -0.0418  -0.0117  -0.0005  0.0000  -0.0875  -0.0001  0.0001 | -0.4157  0.2996  0.0068  0.0039  -0.0000  0.0507  0.0005  -0.0000 | 0.0045  0.0025  0.0012  -0.0397  0.0000  0.0089  -0.0050  0.0007 |
| 6.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7160  -0.0115  -0.0101  0.0004  0.0000  -0.0758  0.0000  0.0001 | -0.7249  0.0928  0.0061  0.0035  -0.0000  0.0455  0.0004  -0.0000 | 0.0199  0.0021  0.0008  -0.0232  0.0000  0.0062  -0.0029  0.0001 |
| 6.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9172  -0.0029  -0.0087  0.0012  0.0000  -0.0648  0.0002  0.0001 | -0.8349  -0.0018  0.0057  0.0033  -0.0000  0.0427  0.0004  -0.0000 | 0.0336  0.0024  0.0008  -0.0212  0.0000  0.0058  -0.0026  0.0000 |
| 6.425 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1366  -0.0138  -0.0073  0.0020  0.0000  -0.0545  0.0003  0.0001 | -0.8766  -0.0662  0.0054  0.0031  -0.0000  0.0403  0.0004  -0.0000 | 0.0496  0.0025  0.0008  -0.0207  0.0000  0.0056  -0.0026  0.0000 |
| 6.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3584  -0.0371  -0.0060  0.0028  0.0000  -0.0447  0.0003  0.0001 | -0.8593  -0.1043  0.0051  0.0029  -0.0000  0.0381  0.0004  -0.0000 | 0.0667  0.0021  0.0007  -0.0205  0.0000  0.0055  -0.0026  0.0000 |
| 6.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.5688  -0.0669  -0.0047  0.0034  0.0000  -0.0355  0.0004  0.0001 | -0.7920  -0.1202  0.0048  0.0026  -0.0000  0.0363  0.0003  -0.0000 | 0.0838  0.0014  0.0007  -0.0204  0.0000  0.0054  -0.0025  0.0000 |
| 6.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.7565  -0.0981  -0.0035  0.0041  0.0000  -0.0266  0.0005  0.0000 | -0.6834  -0.1179  0.0046  0.0023  -0.0000  0.0348  0.0003  -0.0001 | 0.0998  0.0004  0.0007  -0.0203  0.0000  0.0054  -0.0025  0.0000 |
| 6.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.9121  -0.1266  -0.0024  0.0046  0.0000  -0.0181  0.0006  0.0000 | -0.5420  -0.1011  0.0045  0.0021  -0.0000  0.0336  0.0003  -0.0001 | 0.1135  -0.0009  0.0007  -0.0202  0.0000  0.0054  -0.0025  0.0000 |
| 6.425 | 2.300 | 1  2  3  4  5  6  7  8 | -2.0287  -0.1492  -0.0013  0.0051  0.0000  -0.0098  0.0006  0.0000 | -0.3761  -0.0735  0.0044  0.0018  -0.0000  0.0328  0.0002  -0.0001 | 0.1242  -0.0023  0.0007  -0.0202  0.0000  0.0054  -0.0025  0.0000 |
| 6.425 | 2.550 | 1  2  3  4  5  6  7  8 | -2.1010  -0.1637  -0.0002  0.0055  -0.0000  -0.0017  0.0007  -0.0000 | -0.1939  -0.0389  0.0043  0.0016  -0.0000  0.0322  0.0002  -0.0001 | 0.1311  -0.0039  0.0007  -0.0202  0.0000  0.0054  -0.0025  0.0000 |
| 6.425 | 2.800 | 1  2  3  4  5  6  7  8 | -2.1260  -0.1688  0.0008  0.0059  -0.0000  0.0063  0.0007  -0.0000 | -0.0034  -0.0007  0.0043  0.0014  -0.0000  0.0320  0.0002  -0.0001 | 0.1336  -0.0054  0.0007  -0.0202  0.0000  0.0055  -0.0025  0.0000 |
| 6.425 | 3.050 | 1  2  3  4  5  6  7  8 | -2.1027  -0.1641  0.0019  0.0062  -0.0000  0.0143  0.0008  -0.0000 | 0.1871  0.0374  0.0043  0.0012  -0.0000  0.0321  0.0001  -0.0001 | 0.1317  -0.0070  0.0007  -0.0204  -0.0000  0.0056  -0.0025  -0.0000 |
| 6.425 | 3.300 | 1  2  3  4  5  6  7  8 | -2.0320  -0.1499  0.0030  0.0065  -0.0000  0.0223  0.0008  -0.0000 | 0.3697  0.0719  0.0043  0.0011  -0.0000  0.0326  0.0001  -0.0001 | 0.1255  -0.0083  0.0008  -0.0205  -0.0000  0.0056  -0.0026  -0.0000 |
| 6.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.9170  -0.1278  0.0041  0.0067  -0.0000  0.0306  0.0008  -0.0001 | 0.5360  0.0991  0.0045  0.0010  -0.0000  0.0334  0.0001  -0.0001 | 0.1154  -0.0093  0.0008  -0.0207  -0.0000  0.0057  -0.0026  -0.0000 |
| 6.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.7628  -0.0998  0.0052  0.0070  -0.0000  0.0390  0.0009  -0.0001 | 0.6780  0.1156  0.0046  0.0010  -0.0000  0.0345  0.0001  -0.0000 | 0.1021  -0.0099  0.0008  -0.0210  -0.0000  0.0058  -0.0026  -0.0000 |
| 6.425 | 4.050 | 1  2  3  4  5  6  7  8 | -1.5764  -0.0693  0.0064  0.0072  -0.0000  0.0478  0.0009  -0.0001 | 0.7872  0.1176  0.0048  0.0011  -0.0000  0.0360  0.0001  -0.0000 | 0.0863  -0.0100  0.0008  -0.0212  -0.0000  0.0058  -0.0027  -0.0000 |
| 6.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3671  -0.0402  0.0076  0.0075  -0.0000  0.0570  0.0009  -0.0001 | 0.8551  0.1013  0.0050  0.0012  -0.0000  0.0378  0.0002  -0.0000 | 0.0693  -0.0094  0.0008  -0.0215  -0.0000  0.0058  -0.0027  -0.0000 |
| 6.425 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1463  -0.0176  0.0089  0.0078  -0.0000  0.0667  0.0010  -0.0001 | 0.8729  0.0629  0.0053  0.0015  -0.0000  0.0399  0.0002  -0.0000 | 0.0520  -0.0081  0.0008  -0.0218  -0.0000  0.0058  -0.0027  -0.0001 |
| 6.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9278  -0.0075  0.0103  0.0082  -0.0000  0.0769  0.0010  -0.0001 | 0.8315  -0.0019  0.0057  0.0018  -0.0000  0.0424  0.0002  -0.0000 | 0.0357  -0.0061  0.0008  -0.0223  -0.0000  0.0059  -0.0028  -0.0001 |
| 6.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7274  -0.0172  0.0117  0.0087  -0.0000  0.0879  0.0011  -0.0001 | 0.7217  -0.0975  0.0060  0.0021  -0.0000  0.0453  0.0003  -0.0000 | 0.0215  -0.0037  0.0008  -0.0242  -0.0000  0.0060  -0.0030  -0.0001 |
| 6.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5529  -0.0484  0.0133  0.0093  -0.0000  0.0994  0.0012  -0.0001 | 0.4107  -0.3092  0.0068  0.0029  0.0000  0.0507  0.0004  0.0000 | 0.0062  -0.0002  0.0010  -0.0386  -0.0000  0.0076  -0.0048  -0.0007 |
| 6.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5415  -0.0419  -0.0119  0.0047  0.0000  -0.0890  0.0006  0.0001 | -0.4144  0.2984  0.0068  0.0038  -0.0000  0.0509  0.0005  -0.0000 | 0.0040  0.0032  0.0011  -0.0402  0.0000  0.0085  -0.0050  0.0007 |
| 6.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7200  -0.0120  -0.0103  0.0056  0.0000  -0.0773  0.0007  0.0001 | -0.7361  0.0919  0.0061  0.0034  -0.0000  0.0457  0.0004  -0.0000 | 0.0153  0.0022  0.0008  -0.0233  0.0000  0.0064  -0.0029  0.0001 |
| 6.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9245  -0.0035  -0.0088  0.0064  0.0000  -0.0663  0.0008  0.0001 | -0.8485  -0.0020  0.0057  0.0032  -0.0000  0.0429  0.0004  -0.0000 | 0.0261  0.0022  0.0008  -0.0212  0.0000  0.0060  -0.0027  0.0000 |
| 6.675 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1476  -0.0143  -0.0075  0.0072  0.0000  -0.0559  0.0009  0.0001 | -0.8919  -0.0657  0.0054  0.0030  -0.0000  0.0404  0.0004  -0.0000 | 0.0391  0.0017  0.0008  -0.0208  0.0000  0.0058  -0.0026  0.0000 |
| 6.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3733  -0.0375  -0.0062  0.0079  0.0000  -0.0461  0.0010  0.0001 | -0.8753  -0.1034  0.0051  0.0027  -0.0000  0.0382  0.0003  -0.0000 | 0.0534  0.0007  0.0007  -0.0206  0.0000  0.0056  -0.0026  0.0000 |
| 6.675 | 1.550 | 1  2  3  4  5  6  7  8 | -1.5877  -0.0670  -0.0049  0.0085  0.0000  -0.0368  0.0011  0.0000 | -0.8076  -0.1190  0.0049  0.0025  -0.0000  0.0364  0.0003  -0.0000 | 0.0679  -0.0008  0.0007  -0.0205  0.0000  0.0055  -0.0026  0.0000 |
| 6.675 | 1.800 | 1  2  3  4  5  6  7  8 | -1.7791  -0.0979  -0.0037  0.0091  0.0000  -0.0280  0.0011  0.0000 | -0.6975  -0.1164  0.0046  0.0023  -0.0000  0.0349  0.0003  -0.0000 | 0.0818  -0.0025  0.0007  -0.0204  0.0000  0.0054  -0.0026  0.0000 |
| 6.675 | 2.050 | 1  2  3  4  5  6  7  8 | -1.9381  -0.1259  -0.0026  0.0097  0.0000  -0.0194  0.0012  0.0000 | -0.5537  -0.0995  0.0045  0.0020  -0.0000  0.0336  0.0003  -0.0000 | 0.0940  -0.0043  0.0007  -0.0204  0.0000  0.0054  -0.0025  0.0000 |
| 6.675 | 2.300 | 1  2  3  4  5  6  7  8 | -2.0571  -0.1481  -0.0015  0.0102  0.0000  -0.0112  0.0013  0.0000 | -0.3845  -0.0718  0.0044  0.0018  -0.0000  0.0327  0.0002  -0.0000 | 0.1036  -0.0063  0.0007  -0.0204  0.0000  0.0053  -0.0025  0.0000 |
| 6.675 | 2.550 | 1  2  3  4  5  6  7  8 | -2.1311  -0.1622  -0.0004  0.0106  -0.0000  -0.0031  0.0013  -0.0000 | -0.1985  -0.0372  0.0043  0.0016  -0.0000  0.0322  0.0002  -0.0000 | 0.1099  -0.0082  0.0007  -0.0204  0.0000  0.0054  -0.0025  0.0000 |
| 6.675 | 2.800 | 1  2  3  4  5  6  7  8 | -2.1568  -0.1669  0.0007  0.0110  -0.0000  0.0049  0.0014  -0.0000 | -0.0038  0.0009  0.0043  0.0015  -0.0000  0.0320  0.0002  -0.0000 | 0.1124  -0.0100  0.0007  -0.0205  -0.0000  0.0054  -0.0026  -0.0000 |
| 6.675 | 3.050 | 1  2  3  4  5  6  7  8 | -2.1330  -0.1617  0.0017  0.0113  -0.0000  0.0129  0.0014  -0.0000 | 0.1909  0.0388  0.0043  0.0013  -0.0000  0.0321  0.0002  -0.0000 | 0.1109  -0.0115  0.0007  -0.0206  -0.0000  0.0055  -0.0026  -0.0000 |
| 6.675 | 3.300 | 1  2  3  4  5  6  7  8 | -2.0609  -0.1473  0.0028  0.0116  -0.0000  0.0209  0.0015  -0.0000 | 0.3774  0.0729  0.0043  0.0012  -0.0000  0.0325  0.0002  -0.0000 | 0.1054  -0.0127  0.0007  -0.0207  -0.0000  0.0055  -0.0026  -0.0000 |
| 6.675 | 3.550 | 1  2  3  4  5  6  7  8 | -1.9435  -0.1249  0.0039  0.0119  -0.0000  0.0291  0.0015  -0.0000 | 0.5471  0.0997  0.0044  0.0012  -0.0000  0.0333  0.0002  -0.0000 | 0.0966  -0.0134  0.0007  -0.0209  -0.0000  0.0056  -0.0026  -0.0000 |
| 6.675 | 3.800 | 1  2  3  4  5  6  7  8 | -1.7861  -0.0969  0.0050  0.0122  -0.0000  0.0376  0.0015  -0.0001 | 0.6917  0.1156  0.0046  0.0012  -0.0000  0.0345  0.0002  -0.0000 | 0.0850  -0.0134  0.0007  -0.0211  -0.0000  0.0056  -0.0026  -0.0000 |
| 6.675 | 4.050 | 1  2  3  4  5  6  7  8 | -1.5960  -0.0664  0.0062  0.0126  -0.0000  0.0464  0.0016  -0.0001 | 0.8026  0.1169  0.0048  0.0013  -0.0000  0.0360  0.0002  -0.0000 | 0.0714  -0.0127  0.0007  -0.0214  -0.0000  0.0056  -0.0027  -0.0000 |
| 6.675 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3828  -0.0376  0.0074  0.0129  -0.0000  0.0556  0.0016  -0.0001 | 0.8711  0.0999  0.0050  0.0015  -0.0000  0.0378  0.0002  -0.0000 | 0.0569  -0.0112  0.0007  -0.0216  -0.0000  0.0056  -0.0027  -0.0001 |
| 6.675 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1580  -0.0154  0.0087  0.0133  -0.0000  0.0653  0.0017  -0.0001 | 0.8885  0.0608  0.0053  0.0017  -0.0000  0.0400  0.0002  -0.0000 | 0.0424  -0.0090  0.0007  -0.0219  -0.0000  0.0056  -0.0027  -0.0001 |
| 6.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9357  -0.0060  0.0101  0.0137  -0.0000  0.0755  0.0017  -0.0001 | 0.8458  -0.0046  0.0057  0.0020  -0.0000  0.0425  0.0002  -0.0000 | 0.0290  -0.0063  0.0008  -0.0224  -0.0000  0.0056  -0.0028  -0.0001 |
| 6.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7319  -0.0164  0.0115  0.0143  -0.0000  0.0865  0.0018  -0.0001 | 0.7338  -0.1003  0.0060  0.0023  -0.0000  0.0453  0.0003  -0.0000 | 0.0176  -0.0034  0.0008  -0.0243  -0.0000  0.0059  -0.0030  -0.0001 |
| 6.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5540  -0.0486  0.0131  0.0149  -0.0000  0.0980  0.0019  -0.0001 | 0.4128  -0.3091  0.0068  0.0030  -0.0000  0.0507  0.0004  -0.0000 | 0.0060  0.0004  0.0011  -0.0389  -0.0000  0.0081  -0.0049  -0.0007 |
| 6.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5438  -0.0421  -0.0121  0.0099  0.0000  -0.0906  0.0012  0.0001 | -0.4219  0.2972  0.0068  0.0037  -0.0000  0.0510  0.0005  -0.0000 | 0.0037  0.0038  0.0011  -0.0397  0.0000  0.0081  -0.0050  0.0007 |
| 6.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7232  -0.0125  -0.0105  0.0108  0.0000  -0.0789  0.0013  0.0001 | -0.7436  0.0913  0.0061  0.0034  -0.0000  0.0458  0.0004  -0.0000 | 0.0109  0.0026  0.0009  -0.0233  0.0000  0.0065  -0.0029  0.0001 |
| 6.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9299  -0.0041  -0.0090  0.0116  0.0000  -0.0678  0.0015  0.0001 | -0.8590  -0.0017  0.0057  0.0031  -0.0000  0.0430  0.0004  -0.0000 | 0.0188  0.0021  0.0008  -0.0213  0.0000  0.0061  -0.0027  0.0000 |
| 6.925 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1560  -0.0147  -0.0077  0.0124  0.0000  -0.0574  0.0015  0.0001 | -0.9043  -0.0646  0.0054  0.0029  -0.0000  0.0406  0.0004  -0.0000 | 0.0290  0.0010  0.0008  -0.0209  0.0000  0.0059  -0.0026  0.0000 |
| 6.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3850  -0.0375  -0.0063  0.0131  0.0000  -0.0475  0.0016  0.0001 | -0.8887  -0.1017  0.0051  0.0027  -0.0000  0.0384  0.0003  -0.0000 | 0.0408  -0.0008  0.0008  -0.0207  0.0000  0.0057  -0.0026  0.0000 |
| 6.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6028  -0.0666  -0.0051  0.0137  0.0000  -0.0382  0.0017  0.0000 | -0.8210  -0.1170  0.0049  0.0024  -0.0000  0.0365  0.0003  -0.0000 | 0.0533  -0.0029  0.0007  -0.0206  0.0000  0.0055  -0.0026  0.0000 |
| 6.925 | 1.800 | 1  2  3  4  5  6  7  8 | -1.7975  -0.0969  -0.0039  0.0143  0.0000  -0.0293  0.0018  0.0000 | -0.7100  -0.1143  0.0047  0.0022  -0.0000  0.0349  0.0003  -0.0000 | 0.0656  -0.0053  0.0007  -0.0206  0.0000  0.0054  -0.0026  0.0000 |
| 6.925 | 2.050 | 1  2  3  4  5  6  7  8 | -1.9594  -0.1244  -0.0028  0.0148  0.0000  -0.0208  0.0018  0.0000 | -0.5643  -0.0973  0.0045  0.0020  -0.0000  0.0337  0.0003  -0.0000 | 0.0768  -0.0078  0.0007  -0.0205  0.0000  0.0053  -0.0026  0.0000 |
| 6.925 | 2.300 | 1  2  3  4  5  6  7  8 | -2.0808  -0.1460  -0.0017  0.0153  0.0000  -0.0125  0.0019  0.0000 | -0.3924  -0.0697  0.0044  0.0018  -0.0000  0.0328  0.0002  -0.0000 | 0.0859  -0.0102  0.0007  -0.0205  0.0000  0.0053  -0.0026  0.0000 |
| 6.925 | 2.550 | 1  2  3  4  5  6  7  8 | -2.1563  -0.1596  -0.0006  0.0157  -0.0000  -0.0044  0.0020  -0.0000 | -0.2029  -0.0352  0.0043  0.0017  -0.0000  0.0322  0.0002  -0.0000 | 0.0921  -0.0124  0.0007  -0.0206  0.0000  0.0053  -0.0026  0.0000 |
| 6.925 | 2.800 | 1  2  3  4  5  6  7  8 | -2.1826  -0.1638  0.0005  0.0161  -0.0000  0.0036  0.0020  -0.0000 | -0.0044  0.0027  0.0043  0.0015  -0.0000  0.0319  0.0002  -0.0000 | 0.0946  -0.0144  0.0007  -0.0207  -0.0000  0.0053  -0.0026  -0.0000 |
| 6.925 | 3.050 | 1  2  3  4  5  6  7  8 | -2.1585  -0.1583  0.0015  0.0165  -0.0000  0.0115  0.0021  -0.0000 | 0.1942  0.0402  0.0043  0.0015  -0.0000  0.0320  0.0002  -0.0000 | 0.0934  -0.0161  0.0007  -0.0208  -0.0000  0.0054  -0.0026  -0.0000 |
| 6.925 | 3.300 | 1  2  3  4  5  6  7  8 | -2.0851  -0.1435  0.0026  0.0168  -0.0000  0.0196  0.0021  -0.0000 | 0.3843  0.0738  0.0043  0.0014  -0.0000  0.0325  0.0002  -0.0000 | 0.0884  -0.0172  0.0007  -0.0209  -0.0000  0.0054  -0.0026  -0.0000 |
| 6.925 | 3.550 | 1  2  3  4  5  6  7  8 | -1.9656  -0.1210  0.0037  0.0172  -0.0000  0.0278  0.0021  -0.0000 | 0.5570  0.0999  0.0044  0.0014  -0.0000  0.0333  0.0002  -0.0000 | 0.0803  -0.0176  0.0007  -0.0211  -0.0000  0.0054  -0.0026  -0.0000 |
| 6.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8054  -0.0931  0.0048  0.0175  -0.0000  0.0362  0.0022  -0.0000 | 0.7037  0.1150  0.0046  0.0014  -0.0000  0.0345  0.0002  -0.0000 | 0.0698  -0.0172  0.0007  -0.0213  -0.0000  0.0055  -0.0027  -0.0000 |
| 6.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6121  -0.0629  0.0060  0.0179  -0.0000  0.0450  0.0022  -0.0001 | 0.8158  0.1155  0.0048  0.0015  -0.0000  0.0360  0.0002  -0.0000 | 0.0578  -0.0158  0.0007  -0.0215  -0.0000  0.0055  -0.0027  -0.0000 |
| 6.925 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3955  -0.0345  0.0072  0.0183  -0.0000  0.0542  0.0023  -0.0001 | 0.8846  0.0977  0.0050  0.0017  -0.0000  0.0378  0.0002  -0.0000 | 0.0454  -0.0136  0.0007  -0.0217  -0.0000  0.0054  -0.0027  -0.0001 |
| 6.925 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1674  -0.0130  0.0085  0.0188  -0.0000  0.0639  0.0023  -0.0001 | 0.9013  0.0579  0.0053  0.0019  -0.0000  0.0400  0.0002  -0.0000 | 0.0333  -0.0105  0.0007  -0.0220  -0.0000  0.0054  -0.0027  -0.0001 |
| 6.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9420  -0.0043  0.0099  0.0193  -0.0000  0.0742  0.0024  -0.0001 | 0.8570  -0.0078  0.0057  0.0021  -0.0000  0.0425  0.0003  -0.0000 | 0.0224  -0.0071  0.0007  -0.0225  -0.0000  0.0054  -0.0028  -0.0001 |
| 6.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7357  -0.0155  0.0114  0.0198  -0.0000  0.0851  0.0025  -0.0001 | 0.7425  -0.1034  0.0061  0.0024  -0.0000  0.0454  0.0003  -0.0000 | 0.0135  -0.0037  0.0008  -0.0243  -0.0000  0.0057  -0.0030  -0.0001 |
| 6.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5565  -0.0485  0.0129  0.0205  -0.0000  0.0967  0.0026  -0.0001 | 0.4229  -0.3112  0.0068  0.0030  -0.0000  0.0507  0.0004  -0.0000 | 0.0055  0.0009  0.0011  -0.0384  -0.0000  0.0085  -0.0048  -0.0007 |
| 7.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5438  -0.0427  -0.0123  0.0152  0.0000  -0.0922  0.0019  0.0001 | -0.4171  0.2919  0.0068  0.0037  -0.0000  0.0512  0.0005  -0.0001 | 0.0033  0.0046  0.0010  -0.0401  0.0000  0.0077  -0.0050  0.0007 |
| 7.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7251  -0.0132  -0.0107  0.0160  0.0000  -0.0805  0.0020  0.0001 | -0.7490  0.0908  0.0061  0.0033  -0.0000  0.0461  0.0004  -0.0001 | 0.0062  0.0029  0.0009  -0.0234  0.0000  0.0066  -0.0029  0.0001 |
| 7.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9336  -0.0046  -0.0093  0.0168  0.0000  -0.0693  0.0021  0.0001 | -0.8669  -0.0008  0.0058  0.0031  -0.0000  0.0433  0.0004  -0.0001 | 0.0112  0.0020  0.0008  -0.0213  0.0000  0.0062  -0.0027  0.0000 |
| 7.175 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1619  -0.0149  -0.0079  0.0176  0.0000  -0.0589  0.0022  0.0001 | -0.9142  -0.0628  0.0054  0.0028  -0.0000  0.0408  0.0004  -0.0001 | 0.0187  0.0002  0.0008  -0.0209  0.0000  0.0059  -0.0026  0.0000 |
| 7.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3936  -0.0372  -0.0065  0.0182  0.0000  -0.0490  0.0023  0.0000 | -0.9000  -0.0993  0.0051  0.0026  -0.0000  0.0386  0.0003  -0.0001 | 0.0283  -0.0023  0.0008  -0.0208  0.0000  0.0057  -0.0026  0.0000 |
| 7.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6143  -0.0656  -0.0053  0.0189  0.0000  -0.0396  0.0024  0.0000 | -0.8330  -0.1143  0.0049  0.0024  -0.0000  0.0367  0.0003  -0.0000 | 0.0393  -0.0053  0.0007  -0.0207  0.0000  0.0055  -0.0026  0.0000 |
| 7.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8120  -0.0952  -0.0041  0.0194  0.0000  -0.0307  0.0024  0.0000 | -0.7217  -0.1115  0.0047  0.0022  -0.0000  0.0350  0.0003  -0.0000 | 0.0508  -0.0083  0.0007  -0.0207  0.0000  0.0054  -0.0026  0.0000 |
| 7.175 | 2.050 | 1  2  3  4  5  6  7  8 | -1.9767  -0.1220  -0.0029  0.0200  0.0000  -0.0221  0.0025  0.0000 | -0.5746  -0.0946  0.0045  0.0020  -0.0000  0.0337  0.0003  -0.0000 | 0.0618  -0.0112  0.0007  -0.0207  0.0000  0.0053  -0.0026  0.0000 |
| 7.175 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1004  -0.1430  -0.0018  0.0204  0.0000  -0.0138  0.0026  0.0000 | -0.4003  -0.0672  0.0044  0.0019  -0.0000  0.0328  0.0002  -0.0000 | 0.0711  -0.0140  0.0007  -0.0207  0.0000  0.0052  -0.0026  0.0000 |
| 7.175 | 2.550 | 1  2  3  4  5  6  7  8 | -2.1775  -0.1559  -0.0008  0.0209  -0.0000  -0.0057  0.0026  -0.0000 | -0.2075  -0.0329  0.0043  0.0017  -0.0000  0.0322  0.0002  -0.0000 | 0.0776  -0.0165  0.0007  -0.0207  0.0000  0.0052  -0.0026  0.0000 |
| 7.175 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2044  -0.1596  0.0003  0.0213  -0.0000  0.0023  0.0027  -0.0000 | -0.0052  0.0046  0.0043  0.0016  -0.0000  0.0319  0.0002  -0.0000 | 0.0804  -0.0188  0.0007  -0.0208  -0.0000  0.0052  -0.0026  -0.0000 |
| 7.175 | 3.050 | 1  2  3  4  5  6  7  8 | -2.1800  -0.1536  0.0014  0.0217  -0.0000  0.0102  0.0027  -0.0000 | 0.1974  0.0417  0.0043  0.0016  -0.0000  0.0320  0.0002  -0.0000 | 0.0793  -0.0206  0.0007  -0.0209  -0.0000  0.0053  -0.0026  -0.0000 |
| 7.175 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1054  -0.1386  0.0024  0.0221  -0.0000  0.0182  0.0028  -0.0000 | 0.3909  0.0746  0.0043  0.0016  -0.0000  0.0325  0.0002  -0.0000 | 0.0743  -0.0218  0.0007  -0.0210  -0.0000  0.0053  -0.0026  -0.0000 |
| 7.175 | 3.550 | 1  2  3  4  5  6  7  8 | -1.9839  -0.1160  0.0035  0.0225  -0.0000  0.0264  0.0028  -0.0000 | 0.5663  0.0999  0.0044  0.0016  -0.0000  0.0333  0.0002  -0.0000 | 0.0663  -0.0222  0.0007  -0.0212  -0.0000  0.0053  -0.0026  -0.0000 |
| 7.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8211  -0.0882  0.0047  0.0229  -0.0000  0.0349  0.0029  -0.0000 | 0.7148  0.1139  0.0046  0.0016  -0.0000  0.0345  0.0002  -0.0000 | 0.0561  -0.0215  0.0007  -0.0214  -0.0000  0.0053  -0.0027  -0.0000 |
| 7.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6250  -0.0584  0.0058  0.0233  -0.0000  0.0436  0.0029  -0.0000 | 0.8276  0.1133  0.0048  0.0018  -0.0000  0.0360  0.0002  -0.0000 | 0.0450  -0.0196  0.0007  -0.0216  -0.0000  0.0053  -0.0027  -0.0000 |
| 7.175 | 4.300 | 1  2  3  4  5  6  7  8 | -1.4054  -0.0307  0.0070  0.0238  -0.0000  0.0528  0.0030  -0.0001 | 0.8961  0.0946  0.0050  0.0019  -0.0000  0.0379  0.0002  -0.0000 | 0.0340  -0.0166  0.0007  -0.0218  -0.0000  0.0053  -0.0027  -0.0001 |
| 7.175 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1745  -0.0101  0.0083  0.0242  -0.0000  0.0626  0.0030  -0.0001 | 0.9119  0.0542  0.0053  0.0021  -0.0000  0.0400  0.0003  -0.0000 | 0.0240  -0.0127  0.0007  -0.0220  -0.0000  0.0052  -0.0028  -0.0001 |
| 7.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9466  -0.0025  0.0097  0.0248  -0.0000  0.0729  0.0031  -0.0001 | 0.8660  -0.0116  0.0057  0.0023  -0.0000  0.0425  0.0003  -0.0000 | 0.0155  -0.0083  0.0007  -0.0225  -0.0000  0.0052  -0.0028  -0.0001 |
| 7.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7382  -0.0146  0.0112  0.0254  -0.0000  0.0838  0.0032  -0.0001 | 0.7496  -0.1067  0.0061  0.0026  -0.0000  0.0454  0.0003  -0.0000 | 0.0092  -0.0042  0.0007  -0.0244  -0.0000  0.0056  -0.0030  -0.0001 |
| 7.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5566  -0.0482  0.0127  0.0261  -0.0000  0.0954  0.0033  -0.0001 | 0.4191  -0.3132  0.0068  0.0031  -0.0000  0.0507  0.0004  -0.0000 | 0.0050  0.0014  0.0012  -0.0387  -0.0000  0.0091  -0.0048  -0.0007 |
| 7.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5452  -0.0432  -0.0125  0.0204  0.0000  -0.0939  0.0026  0.0001 | -0.4194  0.2881  0.0068  0.0036  -0.0000  0.0513  0.0005  -0.0001 | 0.0026  0.0052  0.0010  -0.0396  0.0000  0.0073  -0.0049  0.0007 |
| 7.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7259  -0.0140  -0.0110  0.0213  0.0000  -0.0821  0.0027  0.0001 | -0.7506  0.0905  0.0062  0.0033  -0.0000  0.0463  0.0004  -0.0001 | 0.0006  0.0030  0.0009  -0.0234  0.0000  0.0066  -0.0029  0.0001 |
| 7.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9352  -0.0052  -0.0095  0.0221  0.0000  -0.0709  0.0028  0.0001 | -0.8717  0.0007  0.0058  0.0030  -0.0000  0.0436  0.0004  -0.0001 | 0.0025  0.0017  0.0008  -0.0214  0.0000  0.0063  -0.0027  0.0000 |
| 7.425 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1651  -0.0149  -0.0081  0.0228  0.0000  -0.0604  0.0028  0.0001 | -0.9217  -0.0602  0.0055  0.0028  -0.0000  0.0411  0.0003  -0.0001 | 0.0073  -0.0008  0.0008  -0.0210  0.0000  0.0060  -0.0026  0.0000 |
| 7.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3990  -0.0364  -0.0067  0.0234  0.0000  -0.0504  0.0029  0.0000 | -0.9097  -0.0962  0.0052  0.0025  -0.0000  0.0388  0.0003  -0.0001 | 0.0149  -0.0042  0.0008  -0.0209  0.0000  0.0057  -0.0026  0.0000 |
| 7.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6224  -0.0640  -0.0055  0.0241  0.0000  -0.0410  0.0030  0.0000 | -0.8441  -0.1110  0.0049  0.0023  -0.0000  0.0369  0.0003  -0.0000 | 0.0249  -0.0078  0.0007  -0.0208  0.0000  0.0055  -0.0026  0.0000 |
| 7.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8229  -0.0927  -0.0043  0.0246  0.0000  -0.0320  0.0031  0.0000 | -0.7333  -0.1083  0.0047  0.0022  -0.0000  0.0352  0.0003  -0.0000 | 0.0365  -0.0113  0.0007  -0.0208  0.0000  0.0053  -0.0026  0.0000 |
| 7.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.9904  -0.1188  -0.0031  0.0251  0.0000  -0.0234  0.0031  0.0000 | -0.5855  -0.0916  0.0045  0.0020  -0.0000  0.0338  0.0003  -0.0000 | 0.0484  -0.0147  0.0007  -0.0208  0.0000  0.0052  -0.0026  0.0000 |
| 7.425 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1166  -0.1390  -0.0020  0.0256  -0.0000  -0.0151  0.0032  -0.0000 | -0.4089  -0.0644  0.0044  0.0019  -0.0000  0.0328  0.0002  -0.0000 | 0.0589  -0.0177  0.0007  -0.0208  0.0000  0.0051  -0.0026  0.0000 |
| 7.425 | 2.550 | 1  2  3  4  5  6  7  8 | -2.1954  -0.1513  -0.0009  0.0261  -0.0000  -0.0070  0.0033  -0.0000 | -0.2126  -0.0303  0.0043  0.0018  -0.0000  0.0321  0.0002  -0.0000 | 0.0664  -0.0204  0.0007  -0.0209  0.0000  0.0051  -0.0026  0.0000 |
| 7.425 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2232  -0.1543  0.0001  0.0265  -0.0000  0.0010  0.0033  -0.0000 | -0.0062  0.0068  0.0042  0.0017  -0.0000  0.0319  0.0002  -0.0000 | 0.0698  -0.0229  0.0007  -0.0209  -0.0000  0.0052  -0.0026  -0.0000 |
| 7.425 | 3.050 | 1  2  3  4  5  6  7  8 | -2.1985  -0.1479  0.0012  0.0269  -0.0000  0.0089  0.0034  -0.0000 | 0.2006  0.0434  0.0043  0.0017  -0.0000  0.0320  0.0002  -0.0000 | 0.0686  -0.0250  0.0007  -0.0210  -0.0000  0.0052  -0.0026  -0.0000 |
| 7.425 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1225  -0.1325  0.0023  0.0274  -0.0000  0.0169  0.0034  -0.0000 | 0.3979  0.0755  0.0043  0.0017  -0.0000  0.0324  0.0002  -0.0000 | 0.0631  -0.0265  0.0007  -0.0212  -0.0000  0.0052  -0.0026  -0.0000 |
| 7.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.9989  -0.1098  0.0033  0.0278  -0.0000  0.0251  0.0035  -0.0000 | 0.5760  0.0998  0.0044  0.0017  -0.0000  0.0333  0.0002  -0.0000 | 0.0542  -0.0271  0.0007  -0.0213  -0.0000  0.0053  -0.0027  -0.0000 |
| 7.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8336  -0.0822  0.0045  0.0282  -0.0000  0.0335  0.0035  -0.0000 | 0.7257  0.1125  0.0046  0.0018  -0.0000  0.0345  0.0002  -0.0000 | 0.0434  -0.0264  0.0007  -0.0215  -0.0000  0.0053  -0.0027  -0.0000 |
| 7.425 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6347  -0.0529  0.0056  0.0287  -0.0000  0.0423  0.0036  -0.0000 | 0.8386  0.1105  0.0048  0.0019  -0.0000  0.0360  0.0002  -0.0000 | 0.0323  -0.0241  0.0007  -0.0217  -0.0000  0.0052  -0.0027  -0.0000 |
| 7.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.4124  -0.0261  0.0069  0.0292  -0.0000  0.0515  0.0036  -0.0000 | 0.9062  0.0906  0.0051  0.0021  -0.0000  0.0379  0.0003  -0.0000 | 0.0221  -0.0204  0.0007  -0.0219  -0.0000  0.0052  -0.0027  -0.0001 |
| 7.425 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1792  -0.0066  0.0082  0.0298  -0.0000  0.0613  0.0037  -0.0000 | 0.9202  0.0494  0.0054  0.0023  -0.0000  0.0401  0.0003  -0.0000 | 0.0137  -0.0154  0.0007  -0.0221  -0.0000  0.0051  -0.0028  -0.0001 |
| 7.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9495  -0.0002  0.0095  0.0303  -0.0000  0.0716  0.0038  -0.0001 | 0.8721  -0.0164  0.0057  0.0025  -0.0000  0.0426  0.0003  -0.0000 | 0.0078  -0.0099  0.0007  -0.0226  -0.0000  0.0051  -0.0028  -0.0001 |
| 7.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7398  -0.0135  0.0110  0.0310  -0.0000  0.0826  0.0039  -0.0001 | 0.7530  -0.1108  0.0061  0.0027  -0.0000  0.0455  0.0003  -0.0000 | 0.0045  -0.0047  0.0007  -0.0244  -0.0000  0.0055  -0.0030  -0.0001 |
| 7.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5583  -0.0480  0.0126  0.0317  -0.0000  0.0942  0.0040  -0.0001 | 0.4242  -0.3157  0.0068  0.0032  -0.0000  0.0507  0.0004  -0.0001 | 0.0046  0.0019  0.0013  -0.0382  -0.0000  0.0095  -0.0048  -0.0007 |
| 7.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5439  -0.0437  -0.0128  0.0257  0.0000  -0.0957  0.0032  0.0001 | -0.4066  0.2829  0.0069  0.0036  -0.0000  0.0515  0.0004  -0.0001 | 0.0019  0.0060  0.0009  -0.0399  0.0000  0.0068  -0.0050  0.0007 |
| 7.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7250  -0.0147  -0.0112  0.0266  0.0000  -0.0838  0.0033  0.0001 | -0.7495  0.0902  0.0062  0.0032  -0.0000  0.0466  0.0004  -0.0001 | -0.0059  0.0034  0.0009  -0.0235  0.0000  0.0067  -0.0029  0.0001 |
| 7.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9345  -0.0057  -0.0097  0.0273  0.0000  -0.0725  0.0034  0.0001 | -0.8733  0.0028  0.0059  0.0029  -0.0000  0.0439  0.0004  -0.0001 | -0.0081  0.0015  0.0009  -0.0215  0.0000  0.0064  -0.0027  0.0000 |
| 7.675 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1653  -0.0146  -0.0083  0.0280  0.0000  -0.0619  0.0035  0.0000 | -0.9267  -0.0567  0.0055  0.0027  -0.0000  0.0414  0.0003  -0.0001 | -0.0066  -0.0020  0.0008  -0.0211  0.0000  0.0060  -0.0026  0.0000 |
| 7.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.4008  -0.0352  -0.0069  0.0287  0.0000  -0.0518  0.0036  0.0000 | -0.9181  -0.0922  0.0052  0.0025  -0.0000  0.0391  0.0003  -0.0001 | -0.0007  -0.0063  0.0008  -0.0209  0.0000  0.0056  -0.0026  0.0000 |
| 7.675 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6266  -0.0617  -0.0056  0.0293  0.0000  -0.0423  0.0037  0.0000 | -0.8554  -0.1071  0.0049  0.0023  -0.0000  0.0371  0.0003  -0.0000 | 0.0091  -0.0106  0.0007  -0.0209  0.0000  0.0054  -0.0026  0.0000 |
| 7.675 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8302  -0.0895  -0.0044  0.0298  0.0000  -0.0333  0.0037  0.0000 | -0.7463  -0.1047  0.0047  0.0022  -0.0000  0.0353  0.0003  -0.0000 | 0.0222  -0.0146  0.0007  -0.0209  0.0000  0.0052  -0.0026  0.0000 |
| 7.675 | 2.050 | 1  2  3  4  5  6  7  8 | -2.0010  -0.1147  -0.0033  0.0303  0.0000  -0.0247  0.0038  0.0000 | -0.5981  -0.0884  0.0045  0.0020  -0.0000  0.0339  0.0003  -0.0000 | 0.0365  -0.0180  0.0007  -0.0209  0.0000  0.0051  -0.0026  0.0000 |
| 7.675 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1301  -0.1341  -0.0022  0.0308  -0.0000  -0.0164  0.0039  -0.0000 | -0.4192  -0.0614  0.0044  0.0019  -0.0000  0.0328  0.0002  -0.0000 | 0.0495  -0.0211  0.0007  -0.0209  0.0000  0.0050  -0.0026  0.0000 |
| 7.675 | 2.550 | 1  2  3  4  5  6  7  8 | -2.2111  -0.1457  -0.0011  0.0313  -0.0000  -0.0083  0.0039  -0.0000 | -0.2188  -0.0276  0.0043  0.0018  -0.0000  0.0321  0.0002  -0.0000 | 0.0589  -0.0239  0.0007  -0.0209  0.0000  0.0050  -0.0026  0.0000 |
| 7.675 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2398  -0.1481  -0.0000  0.0318  -0.0000  -0.0003  0.0040  -0.0000 | -0.0074  0.0093  0.0042  0.0018  -0.0000  0.0318  0.0002  -0.0000 | 0.0631  -0.0266  0.0007  -0.0210  0.0000  0.0051  -0.0026  0.0000 |
| 7.675 | 3.050 | 1  2  3  4  5  6  7  8 | -2.2148  -0.1410  0.0010  0.0322  -0.0000  0.0076  0.0040  -0.0000 | 0.2045  0.0454  0.0043  0.0018  -0.0000  0.0319  0.0002  -0.0000 | 0.0616  -0.0291  0.0007  -0.0211  -0.0000  0.0051  -0.0026  -0.0000 |
| 7.675 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1373  -0.1252  0.0021  0.0327  -0.0000  0.0156  0.0041  -0.0000 | 0.4061  0.0769  0.0043  0.0018  -0.0000  0.0324  0.0002  -0.0000 | 0.0548  -0.0311  0.0007  -0.0212  -0.0000  0.0052  -0.0027  -0.0000 |
| 7.675 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0112  -0.1023  0.0032  0.0331  -0.0000  0.0238  0.0041  -0.0000 | 0.5871  0.0999  0.0044  0.0019  -0.0000  0.0333  0.0002  -0.0000 | 0.0439  -0.0322  0.0007  -0.0214  -0.0000  0.0052  -0.0027  -0.0000 |
| 7.675 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8429  -0.0749  0.0043  0.0336  -0.0000  0.0322  0.0042  -0.0000 | 0.7378  0.1111  0.0046  0.0020  -0.0000  0.0345  0.0003  -0.0000 | 0.0310  -0.0318  0.0007  -0.0215  -0.0000  0.0052  -0.0027  -0.0000 |
| 7.675 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6410  -0.0462  0.0055  0.0341  -0.0000  0.0410  0.0043  -0.0000 | 0.8497  0.1073  0.0048  0.0021  -0.0000  0.0361  0.0003  -0.0000 | 0.0185  -0.0295  0.0007  -0.0217  -0.0000  0.0051  -0.0027  -0.0000 |
| 7.675 | 4.300 | 1  2  3  4  5  6  7  8 | -1.4163  -0.0204  0.0067  0.0347  -0.0000  0.0503  0.0043  -0.0000 | 0.9152  0.0857  0.0051  0.0023  -0.0000  0.0380  0.0003  -0.0000 | 0.0083  -0.0251  0.0007  -0.0219  -0.0000  0.0051  -0.0027  -0.0001 |
| 7.675 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1812  -0.0024  0.0080  0.0353  -0.0000  0.0600  0.0044  -0.0000 | 0.9263  0.0434  0.0054  0.0025  -0.0000  0.0402  0.0003  -0.0000 | 0.0014  -0.0189  0.0007  -0.0222  -0.0000  0.0050  -0.0028  -0.0001 |
| 7.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9502  0.0025  0.0094  0.0359  -0.0000  0.0704  0.0045  -0.0000 | 0.8753  -0.0226  0.0057  0.0026  -0.0000  0.0428  0.0003  -0.0000 | -0.0018  -0.0120  0.0007  -0.0226  -0.0000  0.0049  -0.0028  -0.0001 |
| 7.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7400  -0.0123  0.0109  0.0366  -0.0000  0.0814  0.0046  -0.0000 | 0.7539  -0.1157  0.0061  0.0028  -0.0000  0.0456  0.0003  -0.0000 | -0.0015  -0.0055  0.0007  -0.0245  -0.0000  0.0054  -0.0031  -0.0001 |
| 7.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5577  -0.0482  0.0124  0.0373  -0.0000  0.0930  0.0047  -0.0001 | 0.4169  -0.3144  0.0068  0.0032  -0.0000  0.0507  0.0004  -0.0001 | 0.0043  0.0025  0.0013  -0.0384  -0.0000  0.0100  -0.0048  -0.0007 |
| 7.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5441  -0.0443  -0.0130  0.0310  0.0000  -0.0975  0.0039  0.0001 | -0.4024  0.2779  0.0069  0.0035  -0.0000  0.0517  0.0004  -0.0001 | 0.0012  0.0067  0.0009  -0.0394  0.0000  0.0064  -0.0049  0.0007 |
| 7.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7226  -0.0157  -0.0114  0.0318  0.0000  -0.0855  0.0040  0.0001 | -0.7426  0.0903  0.0063  0.0032  -0.0000  0.0470  0.0004  -0.0001 | -0.0142  0.0042  0.0009  -0.0234  0.0000  0.0068  -0.0029  0.0001 |
| 7.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9308  -0.0061  -0.0099  0.0326  0.0000  -0.0741  0.0041  0.0001 | -0.8702  0.0058  0.0059  0.0029  -0.0000  0.0444  0.0004  -0.0001 | -0.0221  0.0015  0.0009  -0.0215  0.0000  0.0065  -0.0027  0.0000 |
| 7.925 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1615  -0.0140  -0.0085  0.0333  0.0000  -0.0634  0.0042  0.0000 | -0.9288  -0.0521  0.0056  0.0027  -0.0000  0.0419  0.0003  -0.0001 | -0.0249  -0.0033  0.0008  -0.0211  0.0000  0.0060  -0.0026  0.0000 |
| 7.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3983  -0.0333  -0.0071  0.0339  0.0000  -0.0532  0.0042  0.0000 | -0.9258  -0.0873  0.0053  0.0025  -0.0000  0.0395  0.0003  -0.0001 | -0.0206  -0.0088  0.0007  -0.0210  0.0000  0.0055  -0.0026  0.0000 |
| 7.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6266  -0.0586  -0.0058  0.0345  0.0000  -0.0436  0.0043  0.0000 | -0.8683  -0.1027  0.0050  0.0023  -0.0000  0.0373  0.0003  -0.0000 | -0.0097  -0.0138  0.0007  -0.0209  0.0000  0.0052  -0.0026  0.0000 |
| 7.925 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8339  -0.0854  -0.0046  0.0351  0.0000  -0.0346  0.0044  0.0000 | -0.7625  -0.1010  0.0047  0.0022  -0.0000  0.0355  0.0003  -0.0000 | 0.0072  -0.0179  0.0007  -0.0209  0.0000  0.0050  -0.0026  0.0000 |
| 7.925 | 2.050 | 1  2  3  4  5  6  7  8 | -2.0088  -0.1097  -0.0035  0.0356  -0.0000  -0.0259  0.0044  -0.0000 | -0.6143  -0.0852  0.0045  0.0020  -0.0000  0.0339  0.0003  -0.0000 | 0.0263  -0.0212  0.0007  -0.0209  0.0000  0.0049  -0.0026  0.0000 |
| 7.925 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1417  -0.1284  -0.0023  0.0361  -0.0000  -0.0176  0.0045  -0.0000 | -0.4323  -0.0586  0.0044  0.0020  -0.0000  0.0328  0.0002  -0.0000 | 0.0433  -0.0240  0.0007  -0.0210  0.0000  0.0049  -0.0026  0.0000 |
| 7.925 | 2.550 | 1  2  3  4  5  6  7  8 | -2.2254  -0.1392  -0.0013  0.0366  -0.0000  -0.0095  0.0046  -0.0000 | -0.2267  -0.0248  0.0043  0.0019  -0.0000  0.0321  0.0002  -0.0000 | 0.0553  -0.0268  0.0007  -0.0210  0.0000  0.0050  -0.0026  0.0000 |
| 7.925 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2553  -0.1409  -0.0002  0.0370  -0.0000  -0.0016  0.0046  -0.0000 | -0.0089  0.0121  0.0042  0.0019  -0.0000  0.0318  0.0002  -0.0000 | 0.0605  -0.0297  0.0007  -0.0211  0.0000  0.0050  -0.0026  0.0000 |
| 7.925 | 3.050 | 1  2  3  4  5  6  7  8 | -2.2299  -0.1332  0.0008  0.0375  -0.0000  0.0063  0.0047  -0.0000 | 0.2093  0.0480  0.0042  0.0019  0.0000  0.0319  0.0002  0.0000 | 0.0586  -0.0326  0.0007  -0.0212  -0.0000  0.0051  -0.0026  -0.0000 |
| 7.925 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1504  -0.1168  0.0019  0.0380  -0.0000  0.0143  0.0047  -0.0000 | 0.4165  0.0789  0.0043  0.0020  0.0000  0.0324  0.0002  0.0000 | 0.0498  -0.0353  0.0007  -0.0213  -0.0000  0.0051  -0.0027  -0.0000 |
| 7.925 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0211  -0.0935  0.0030  0.0385  -0.0000  0.0225  0.0048  -0.0000 | 0.6011  0.1008  0.0044  0.0020  0.0000  0.0332  0.0003  0.0000 | 0.0355  -0.0374  0.0007  -0.0214  -0.0000  0.0052  -0.0027  -0.0000 |
| 7.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8490  -0.0660  0.0041  0.0390  -0.0000  0.0309  0.0049  -0.0000 | 0.7527  0.1101  0.0046  0.0022  0.0000  0.0345  0.0003  0.0000 | 0.0184  -0.0379  0.0007  -0.0216  -0.0000  0.0051  -0.0027  -0.0000 |
| 7.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6437  -0.0379  0.0053  0.0396  -0.0000  0.0398  0.0049  -0.0000 | 0.8625  0.1038  0.0048  0.0023  -0.0000  0.0362  0.0003  -0.0000 | 0.0024  -0.0360  0.0007  -0.0217  -0.0000  0.0051  -0.0027  -0.0000 |
| 7.925 | 4.300 | 1  2  3  4  5  6  7  8 | -1.4163  -0.0134  0.0065  0.0402  -0.0000  0.0490  0.0050  -0.0000 | 0.9238  0.0797  0.0051  0.0025  -0.0000  0.0381  0.0003  -0.0000 | -0.0090  -0.0309  0.0007  -0.0219  -0.0000  0.0050  -0.0027  -0.0000 |
| 7.925 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1796  0.0029  0.0078  0.0408  -0.0000  0.0588  0.0051  -0.0000 | 0.9301  0.0357  0.0054  0.0027  -0.0000  0.0404  0.0003  -0.0000 | -0.0148  -0.0232  0.0006  -0.0222  -0.0000  0.0048  -0.0028  -0.0001 |
| 7.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9482  0.0057  0.0092  0.0415  -0.0000  0.0692  0.0052  -0.0000 | 0.8745  -0.0303  0.0057  0.0028  -0.0000  0.0429  0.0004  -0.0000 | -0.0144  -0.0143  0.0006  -0.0227  -0.0000  0.0047  -0.0028  -0.0001 |
| 7.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7387  -0.0109  0.0107  0.0422  -0.0000  0.0803  0.0053  -0.0000 | 0.7497  -0.1216  0.0061  0.0030  -0.0000  0.0457  0.0004  -0.0001 | -0.0093  -0.0063  0.0007  -0.0245  -0.0000  0.0052  -0.0031  -0.0001 |
| 7.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5584  -0.0481  0.0123  0.0430  -0.0000  0.0919  0.0054  -0.0001 | 0.4163  -0.3153  0.0068  0.0033  -0.0000  0.0506  0.0004  -0.0001 | 0.0035  0.0029  0.0014  -0.0379  -0.0000  0.0104  -0.0047  -0.0007 |
| 8.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5420  -0.0455  -0.0133  0.0363  0.0000  -0.0994  0.0045  0.0001 | -0.3854  0.2671  0.0069  0.0035  -0.0000  0.0519  0.0004  -0.0001 | 0.0004  0.0078  0.0008  -0.0397  0.0000  0.0060  -0.0050  0.0007 |
| 8.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7177  -0.0170  -0.0116  0.0371  0.0000  -0.0873  0.0046  0.0001 | -0.7297  0.0905  0.0063  0.0031  -0.0000  0.0474  0.0004  -0.0001 | -0.0253  0.0056  0.0009  -0.0235  0.0000  0.0070  -0.0029  0.0001 |
| 8.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9230  -0.0067  -0.0101  0.0379  0.0000  -0.0758  0.0047  0.0001 | -0.8609  0.0101  0.0060  0.0028  -0.0000  0.0449  0.0004  -0.0001 | -0.0413  0.0021  0.0009  -0.0215  0.0000  0.0066  -0.0027  0.0000 |
| 8.175 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1522  -0.0131  -0.0087  0.0385  0.0000  -0.0649  0.0048  0.0000 | -0.9271  -0.0458  0.0057  0.0026  -0.0000  0.0424  0.0003  -0.0001 | -0.0508  -0.0044  0.0008  -0.0211  0.0000  0.0060  -0.0026  0.0000 |
| 8.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3899  -0.0307  -0.0073  0.0392  0.0000  -0.0546  0.0049  0.0000 | -0.9340  -0.0815  0.0053  0.0024  -0.0000  0.0399  0.0003  -0.0001 | -0.0482  -0.0118  0.0007  -0.0210  0.0000  0.0054  -0.0026  0.0000 |
| 8.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6212  -0.0547  -0.0060  0.0397  0.0000  -0.0449  0.0050  0.0000 | -0.8853  -0.0981  0.0050  0.0023  -0.0000  0.0376  0.0003  -0.0000 | -0.0335  -0.0175  0.0007  -0.0210  0.0000  0.0050  -0.0026  0.0000 |
| 8.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8335  -0.0804  -0.0048  0.0403  -0.0000  -0.0358  0.0050  -0.0000 | -0.7848  -0.0977  0.0047  0.0022  -0.0000  0.0356  0.0003  -0.0000 | -0.0082  -0.0212  0.0006  -0.0210  0.0000  0.0048  -0.0026  0.0000 |
| 8.175 | 2.050 | 1  2  3  4  5  6  7  8 | -2.0143  -0.1040  -0.0036  0.0408  -0.0000  -0.0271  0.0051  -0.0000 | -0.6360  -0.0825  0.0045  0.0021  -0.0000  0.0340  0.0003  -0.0000 | 0.0187  -0.0239  0.0006  -0.0210  0.0000  0.0048  -0.0026  0.0000 |
| 8.175 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1523  -0.1220  -0.0025  0.0413  -0.0000  -0.0188  0.0052  -0.0000 | -0.4490  -0.0560  0.0044  0.0020  -0.0000  0.0328  0.0003  -0.0000 | 0.0410  -0.0263  0.0006  -0.0210  0.0000  0.0048  -0.0026  0.0000 |
| 8.175 | 2.550 | 1  2  3  4  5  6  7  8 | -2.2394  -0.1322  -0.0014  0.0418  -0.0000  -0.0107  0.0052  -0.0000 | -0.2364  -0.0220  0.0043  0.0020  0.0000  0.0320  0.0002  0.0000 | 0.0558  -0.0289  0.0007  -0.0211  0.0000  0.0049  -0.0026  0.0000 |
| 8.175 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2709  -0.1332  -0.0004  0.0423  -0.0000  -0.0028  0.0053  -0.0000 | -0.0107  0.0151  0.0042  0.0020  0.0000  0.0317  0.0002  0.0000 | 0.0622  -0.0318  0.0007  -0.0211  0.0000  0.0050  -0.0026  0.0000 |
| 8.175 | 3.050 | 1  2  3  4  5  6  7  8 | -2.2448  -0.1247  0.0007  0.0428  -0.0000  0.0051  0.0053  -0.0000 | 0.2155  0.0512  0.0042  0.0020  0.0000  0.0318  0.0002  0.0000 | 0.0597  -0.0351  0.0007  -0.0212  -0.0000  0.0050  -0.0027  -0.0000 |
| 8.175 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1627  -0.1074  0.0017  0.0433  -0.0000  0.0131  0.0054  -0.0000 | 0.4299  0.0819  0.0043  0.0021  0.0000  0.0323  0.0003  0.0000 | 0.0486  -0.0387  0.0007  -0.0213  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.175 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0292  -0.0834  0.0028  0.0438  -0.0000  0.0212  0.0055  -0.0000 | 0.6199  0.1030  0.0044  0.0022  0.0000  0.0332  0.0003  0.0000 | 0.0298  -0.0421  0.0007  -0.0214  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8520  -0.0556  0.0040  0.0444  -0.0000  0.0297  0.0055  -0.0000 | 0.7731  0.1103  0.0046  0.0023  0.0000  0.0346  0.0003  0.0000 | 0.0060  -0.0443  0.0007  -0.0216  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6418  -0.0278  0.0051  0.0450  -0.0000  0.0385  0.0056  -0.0000 | 0.8791  0.1006  0.0048  0.0025  0.0000  0.0363  0.0003  0.0000 | -0.0175  -0.0436  0.0007  -0.0217  -0.0000  0.0050  -0.0027  -0.0000 |
| 8.175 | 4.300 | 1  2  3  4  5  6  7  8 | -1.4113  -0.0047  0.0064  0.0456  -0.0000  0.0478  0.0057  -0.0000 | 0.9331  0.0727  0.0051  0.0027  -0.0000  0.0383  0.0003  -0.0000 | -0.0326  -0.0381  0.0006  -0.0220  -0.0000  0.0049  -0.0027  -0.0000 |
| 8.175 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1732  0.0094  0.0077  0.0463  -0.0000  0.0576  0.0058  -0.0000 | 0.9309  0.0258  0.0054  0.0029  -0.0000  0.0406  0.0004  -0.0000 | -0.0374  -0.0276  0.0006  -0.0222  -0.0000  0.0046  -0.0028  -0.0001 |
| 8.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9426  0.0095  0.0091  0.0471  -0.0000  0.0681  0.0059  -0.0000 | 0.8685  -0.0399  0.0058  0.0030  -0.0000  0.0431  0.0004  -0.0000 | -0.0313  -0.0160  0.0006  -0.0228  -0.0000  0.0045  -0.0028  -0.0001 |
| 8.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7350  -0.0093  0.0106  0.0479  -0.0000  0.0792  0.0060  -0.0000 | 0.7406  -0.1284  0.0061  0.0031  -0.0000  0.0458  0.0004  -0.0001 | -0.0191  -0.0065  0.0007  -0.0246  -0.0000  0.0050  -0.0031  -0.0001 |
| 8.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5564  -0.0481  0.0121  0.0486  -0.0000  0.0908  0.0061  -0.0000 | 0.4002  -0.3150  0.0068  0.0034  -0.0000  0.0507  0.0004  -0.0001 | 0.0028  0.0036  0.0015  -0.0381  -0.0000  0.0110  -0.0048  -0.0007 |
| 8.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5409  -0.0468  -0.0135  0.0416  0.0000  -0.1013  0.0052  0.0001 | -0.3734  0.2565  0.0069  0.0034  -0.0000  0.0520  0.0004  -0.0002 | -0.0008  0.0084  0.0007  -0.0391  0.0000  0.0056  -0.0049  0.0007 |
| 8.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.7100  -0.0187  -0.0119  0.0424  0.0000  -0.0891  0.0053  0.0001 | -0.7069  0.0905  0.0064  0.0030  -0.0000  0.0479  0.0004  -0.0001 | -0.0392  0.0075  0.0010  -0.0235  0.0000  0.0071  -0.0029  0.0001 |
| 8.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.9095  -0.0075  -0.0103  0.0431  0.0000  -0.0775  0.0054  0.0001 | -0.8412  0.0155  0.0061  0.0027  -0.0000  0.0456  0.0003  -0.0001 | -0.0667  0.0040  0.0009  -0.0216  0.0000  0.0068  -0.0027  0.0000 |
| 8.425 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1350  -0.0119  -0.0089  0.0438  0.0000  -0.0663  0.0055  0.0000 | -0.9185  -0.0373  0.0058  0.0025  -0.0000  0.0432  0.0003  -0.0001 | -0.0886  -0.0043  0.0008  -0.0211  0.0000  0.0061  -0.0026  0.0000 |
| 8.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3732  -0.0272  -0.0075  0.0444  0.0000  -0.0559  0.0055  0.0000 | -0.9449  -0.0750  0.0054  0.0024  -0.0000  0.0404  0.0003  -0.0001 | -0.0918  -0.0155  0.0007  -0.0210  0.0000  0.0051  -0.0026  0.0000 |
| 8.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.6086  -0.0496  -0.0061  0.0450  -0.0000  -0.0461  0.0056  -0.0000 | -0.9114  -0.0937  0.0051  0.0023  -0.0000  0.0379  0.0003  -0.0000 | -0.0623  -0.0217  0.0006  -0.0210  0.0000  0.0047  -0.0026  0.0000 |
| 8.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8294  -0.0746  -0.0049  0.0455  -0.0000  -0.0369  0.0057  -0.0000 | -0.8165  -0.0952  0.0048  0.0022  -0.0000  0.0356  0.0003  -0.0000 | -0.0209  -0.0241  0.0006  -0.0210  0.0000  0.0046  -0.0026  0.0000 |
| 8.425 | 2.050 | 1  2  3  4  5  6  7  8 | -2.0185  -0.0977  -0.0038  0.0461  -0.0000  -0.0283  0.0058  -0.0000 | -0.6637  -0.0805  0.0045  0.0021  -0.0000  0.0339  0.0003  -0.0000 | 0.0156  -0.0257  0.0006  -0.0210  0.0000  0.0047  -0.0026  0.0000 |
| 8.425 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1630  -0.1153  -0.0027  0.0466  -0.0000  -0.0200  0.0058  -0.0000 | -0.4690  -0.0538  0.0044  0.0020  0.0000  0.0327  0.0003  0.0000 | 0.0429  -0.0275  0.0006  -0.0210  0.0000  0.0047  -0.0026  0.0000 |
| 8.425 | 2.550 | 1  2  3  4  5  6  7  8 | -2.2543  -0.1248  -0.0016  0.0471  -0.0000  -0.0120  0.0059  -0.0000 | -0.2475  -0.0194  0.0043  0.0020  0.0000  0.0319  0.0003  0.0000 | 0.0601  -0.0299  0.0006  -0.0211  0.0000  0.0048  -0.0026  0.0000 |
| 8.425 | 2.800 | 1  2  3  4  5  6  7  8 | -2.2874  -0.1250  -0.0005  0.0476  -0.0000  -0.0041  0.0059  -0.0000 | -0.0126  0.0182  0.0042  0.0020  0.0000  0.0316  0.0003  0.0000 | 0.0672  -0.0329  0.0007  -0.0212  0.0000  0.0049  -0.0026  0.0000 |
| 8.425 | 3.050 | 1  2  3  4  5  6  7  8 | -2.2607  -0.1156  0.0005  0.0481  -0.0000  0.0038  0.0060  -0.0000 | 0.2227  0.0548  0.0042  0.0021  0.0000  0.0317  0.0003  0.0000 | 0.0642  -0.0365  0.0007  -0.0212  -0.0000  0.0050  -0.0027  -0.0000 |
| 8.425 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1755  -0.0974  0.0016  0.0486  -0.0000  0.0118  0.0061  -0.0000 | 0.4460  0.0858  0.0043  0.0022  0.0000  0.0323  0.0003  0.0000 | 0.0513  -0.0407  0.0007  -0.0213  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.425 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0365  -0.0723  0.0027  0.0492  0.0000  0.0199  0.0061  0.0000 | 0.6439  0.1068  0.0044  0.0023  0.0000  0.0332  0.0003  0.0000 | 0.0283  -0.0454  0.0007  -0.0214  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8519  -0.0435  0.0038  0.0498  0.0000  0.0284  0.0062  0.0000 | 0.8018  0.1125  0.0046  0.0025  0.0000  0.0346  0.0003  0.0000 | -0.0039  -0.0500  0.0007  -0.0216  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.425 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6340  -0.0155  0.0050  0.0504  0.0000  0.0372  0.0063  0.0000 | 0.9038  0.0984  0.0049  0.0027  0.0000  0.0364  0.0003  0.0000 | -0.0414  -0.0525  0.0007  -0.0217  -0.0000  0.0050  -0.0027  -0.0000 |
| 8.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3991  0.0062  0.0062  0.0511  0.0000  0.0466  0.0064  0.0000 | 0.9449  0.0653  0.0051  0.0029  -0.0000  0.0385  0.0004  -0.0000 | -0.0694  -0.0476  0.0006  -0.0219  -0.0000  0.0047  -0.0027  -0.0000 |
| 8.425 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1599  0.0169  0.0075  0.0519  0.0000  0.0565  0.0065  0.0000 | 0.9260  0.0121  0.0055  0.0032  -0.0000  0.0410  0.0004  -0.0000 | -0.0700  -0.0309  0.0006  -0.0223  -0.0000  0.0042  -0.0028  -0.0000 |
| 8.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9320  0.0135  0.0089  0.0527  0.0000  0.0670  0.0066  0.0000 | 0.8534  -0.0519  0.0058  0.0033  -0.0000  0.0433  0.0004  -0.0000 | -0.0532  -0.0159  0.0005  -0.0228  -0.0000  0.0041  -0.0029  -0.0001 |
| 8.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7289  -0.0080  0.0104  0.0535  -0.0000  0.0782  0.0067  -0.0000 | 0.7224  -0.1358  0.0061  0.0033  -0.0000  0.0459  0.0004  -0.0001 | -0.0308  -0.0053  0.0006  -0.0246  -0.0000  0.0048  -0.0031  -0.0001 |
| 8.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5558  -0.0481  0.0120  0.0543  -0.0000  0.0899  0.0068  -0.0000 | 0.3922  -0.3150  0.0067  0.0034  -0.0000  0.0506  0.0004  -0.0001 | 0.0020  0.0041  0.0015  -0.0375  -0.0000  0.0113  -0.0047  -0.0007 |
| 8.601 | 1.550 | 1  2  3  4  5  6  7  8 | -1.5939  -0.0452  -0.0063  0.0487  -0.0000  -0.0469  0.0061  -0.0000 | -0.9564  -0.0901  0.0051  0.0023  -0.0000  0.0382  0.0003  -0.0000 | -0.0819  -0.0253  0.0006  -0.0209  0.0000  0.0044  -0.0026  0.0001 |
| 8.601 | 1.800 | 1  2  3  4  5  6  7  8 | -1.8251  -0.0701  -0.0050  0.0492  -0.0000  -0.0377  0.0061  -0.0000 | -0.8582  -0.0944  0.0047  0.0022  -0.0000  0.0356  0.0003  -0.0000 | -0.0246  -0.0258  0.0006  -0.0210  0.0000  0.0045  -0.0026  0.0000 |
| 8.601 | 2.050 | 1  2  3  4  5  6  7  8 | -2.0218  -0.0931  -0.0039  0.0497  -0.0000  -0.0291  0.0062  -0.0000 | -0.6947  -0.0795  0.0045  0.0021  0.0000  0.0338  0.0003  0.0000 | 0.0179  -0.0264  0.0006  -0.0210  0.0000  0.0046  -0.0026  0.0000 |
| 8.601 | 2.300 | 1  2  3  4  5  6  7  8 | -2.1715  -0.1104  -0.0028  0.0503  -0.0000  -0.0208  0.0063  -0.0000 | -0.4896  -0.0522  0.0043  0.0021  0.0000  0.0326  0.0003  0.0000 | 0.0473  -0.0279  0.0006  -0.0210  0.0000  0.0047  -0.0026  0.0000 |
| 8.601 | 2.550 | 1  2  3  4  5  6  7  8 | -2.2660  -0.1196  -0.0017  0.0508  -0.0000  -0.0128  0.0063  -0.0000 | -0.2585  -0.0171  0.0042  0.0021  0.0000  0.0318  0.0003  0.0000 | 0.0653  -0.0301  0.0006  -0.0211  0.0000  0.0048  -0.0026  0.0000 |
| 8.601 | 2.800 | 1  2  3  4  5  6  7  8 | -2.3004  -0.1193  -0.0007  0.0513  -0.0000  -0.0049  0.0064  -0.0000 | -0.0145  0.0211  0.0042  0.0021  0.0000  0.0315  0.0003  0.0000 | 0.0726  -0.0331  0.0007  -0.0212  0.0000  0.0049  -0.0026  0.0000 |
| 8.601 | 3.050 | 1  2  3  4  5  6  7  8 | -2.2731  -0.1092  0.0004  0.0518  -0.0000  0.0029  0.0065  -0.0000 | 0.2300  0.0583  0.0042  0.0022  0.0000  0.0316  0.0003  0.0000 | 0.0695  -0.0368  0.0007  -0.0212  -0.0000  0.0050  -0.0027  -0.0000 |
| 8.601 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1855  -0.0902  0.0015  0.0524  -0.0000  0.0109  0.0065  -0.0000 | 0.4627  0.0901  0.0043  0.0023  0.0000  0.0322  0.0003  0.0000 | 0.0559  -0.0413  0.0007  -0.0213  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.601 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0421  -0.0641  0.0025  0.0530  0.0000  0.0190  0.0066  0.0000 | 0.6707  0.1118  0.0044  0.0024  0.0000  0.0332  0.0003  0.0000 | 0.0312  -0.0467  0.0007  -0.0214  -0.0000  0.0052  -0.0027  -0.0000 |
| 8.601 | 3.800 | 1  2  3  4  5  6  7  8 | -1.8508  -0.0341  0.0037  0.0536  0.0000  0.0275  0.0067  0.0000 | 0.8389  0.1175  0.0046  0.0026  0.0000  0.0346  0.0003  0.0000 | -0.0062  -0.0532  0.0007  -0.0216  -0.0000  0.0052  -0.0027  -0.0000 |
| 8.601 | 4.050 | 1  2  3  4  5  6  7  8 | -1.6236  -0.0049  0.0048  0.0542  0.0000  0.0363  0.0068  0.0000 | 0.9454  0.0982  0.0049  0.0028  0.0000  0.0367  0.0004  0.0000 | -0.0577  -0.0597  0.0007  -0.0217  -0.0000  0.0051  -0.0027  -0.0000 |
| 8.601 | 4.300 | 1  2  3  4  5  6  7  8 | -1.3858  0.0159  0.0061  0.0550  0.0000  0.0457  0.0069  0.0000 | 0.9654  0.0657  0.0051  0.0031  0.0000  0.0385  0.0004  0.0000 | -0.1496  -0.0620  0.0006  -0.0219  -0.0000  0.0043  -0.0027  -0.0000 |
| 8.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5369  -0.0484  -0.0138  0.0470  0.0000  -0.1033  0.0059  0.0001 | -0.3449  0.2430  0.0070  0.0033  -0.0000  0.0522  0.0004  -0.0002 | -0.0020  0.0095  0.0007  -0.0394  0.0000  0.0051  -0.0049  0.0007 |
| 8.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6984  -0.0211  -0.0121  0.0478  0.0000  -0.0910  0.0060  0.0001 | -0.6733  0.0895  0.0065  0.0029  -0.0000  0.0484  0.0004  -0.0002 | -0.0545  0.0103  0.0010  -0.0236  0.0000  0.0073  -0.0029  0.0001 |
| 8.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8890  -0.0092  -0.0106  0.0484  0.0000  -0.0792  0.0061  0.0000 | -0.8062  0.0213  0.0062  0.0026  -0.0000  0.0463  0.0003  -0.0001 | -0.0968  0.0076  0.0009  -0.0216  0.0000  0.0071  -0.0027  0.0000 |
| 8.675 | 1.050 | 1  2  3  4  5  6  7  8 | -1.1060  -0.0112  -0.0091  0.0491  0.0000  -0.0679  0.0061  0.0000 | -0.8928  -0.0255  0.0059  0.0024  -0.0000  0.0442  0.0003  -0.0001 | -0.1399  -0.0010  0.0008  -0.0211  0.0000  0.0063  -0.0026  0.0000 |
| 8.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3417  -0.0223  -0.0076  0.0496  -0.0000  -0.0571  0.0062  -0.0000 | -0.9675  -0.0727  0.0054  0.0023  -0.0000  0.0404  0.0003  -0.0001 | -0.1872  -0.0195  0.0006  -0.0209  0.0000  0.0047  -0.0026  0.0001 |
| 8.675 | 4.301 | 1  2  3  4  5  6  7  8 | -1.3739  0.0206  0.0061  0.0566  0.0000  0.0454  0.0071  0.0000 | 0.9654  0.0657  0.0051  0.0031  0.0000  0.0385  0.0004  0.0000 | -0.1496  -0.0620  0.0006  -0.0219  -0.0000  0.0043  -0.0027  -0.0000 |
| 8.675 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1364  0.0248  0.0074  0.0575  0.0000  0.0555  0.0072  0.0000 | 0.9064  -0.0072  0.0055  0.0035  -0.0000  0.0414  0.0004  -0.0000 | -0.1135  -0.0306  0.0005  -0.0224  -0.0000  0.0036  -0.0028  -0.0000 |
| 8.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.9153  0.0170  0.0088  0.0583  0.0000  0.0661  0.0073  0.0000 | 0.8250  -0.0655  0.0058  0.0035  -0.0000  0.0435  0.0004  -0.0000 | -0.0784  -0.0137  0.0005  -0.0229  -0.0000  0.0036  -0.0029  -0.0001 |
| 8.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7197  -0.0072  0.0103  0.0592  -0.0000  0.0773  0.0074  -0.0000 | 0.6950  -0.1431  0.0061  0.0035  -0.0000  0.0459  0.0004  -0.0001 | -0.0434  -0.0031  0.0006  -0.0247  -0.0000  0.0045  -0.0031  -0.0001 |
| 8.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5529  -0.0488  0.0119  0.0601  -0.0000  0.0890  0.0075  -0.0000 | 0.3713  -0.3087  0.0067  0.0035  -0.0000  0.0505  0.0004  -0.0001 | 0.0013  0.0050  0.0016  -0.0376  -0.0000  0.0119  -0.0047  -0.0008 |
| 8.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5341  -0.0501  -0.0141  0.0523  0.0000  -0.1054  0.0065  0.0001 | -0.3228  0.2302  0.0070  0.0032  -0.0000  0.0524  0.0004  -0.0002 | -0.0033  0.0102  0.0006  -0.0388  0.0000  0.0047  -0.0048  0.0007 |
| 8.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6837  -0.0242  -0.0124  0.0531  0.0000  -0.0930  0.0066  0.0001 | -0.6265  0.0868  0.0065  0.0028  -0.0000  0.0488  0.0003  -0.0002 | -0.0700  0.0138  0.0010  -0.0236  0.0000  0.0075  -0.0029  0.0001 |
| 8.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8613  -0.0121  -0.0108  0.0537  0.0000  -0.0811  0.0067  0.0000 | -0.7521  0.0263  0.0063  0.0024  -0.0000  0.0470  0.0003  -0.0001 | -0.1275  0.0121  0.0010  -0.0216  0.0000  0.0074  -0.0027  0.0000 |
| 8.925 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0639  -0.0120  -0.0093  0.0543  0.0000  -0.0696  0.0068  0.0000 | -0.8325  -0.0119  0.0061  0.0022  -0.0000  0.0454  0.0003  -0.0001 | -0.1929  0.0035  0.0009  -0.0210  0.0000  0.0066  -0.0026  0.0000 |
| 8.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.2832  -0.0192  -0.0078  0.0548  -0.0000  -0.0584  0.0069  -0.0000 | -0.8802  -0.0304  0.0059  0.0021  -0.0000  0.0444  0.0003  -0.0001 | -0.2844  -0.0180  0.0006  -0.0207  0.0000  0.0047  -0.0026  0.0001 |
| 8.925 | 4.301 | 1  2  3  4  5  6  7  8 | -1.3256  0.0339  0.0059  0.0621  0.0000  0.0446  0.0078  0.0000 | 0.9018  -0.0069  0.0054  0.0038  0.0000  0.0408  0.0005  0.0000 | -0.2297  -0.0666  0.0004  -0.0218  -0.0000  0.0033  -0.0027  -0.0000 |
| 8.925 | 4.550 | 1  2  3  4  5  6  7  8 | -1.1019  0.0316  0.0073  0.0631  0.0000  0.0548  0.0079  0.0000 | 0.8573  -0.0318  0.0056  0.0039  -0.0000  0.0417  0.0005  -0.0000 | -0.1558  -0.0287  0.0004  -0.0224  -0.0000  0.0028  -0.0028  -0.0000 |
| 8.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8927  0.0195  0.0087  0.0640  0.0000  0.0654  0.0080  0.0000 | 0.7806  -0.0793  0.0058  0.0038  -0.0000  0.0434  0.0005  -0.0000 | -0.1024  -0.0106  0.0004  -0.0230  -0.0000  0.0030  -0.0029  -0.0000 |
| 8.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7079  -0.0071  0.0102  0.0650  0.0000  0.0765  0.0081  0.0000 | 0.6567  -0.1491  0.0061  0.0037  -0.0000  0.0458  0.0005  -0.0001 | -0.0554  -0.0005  0.0006  -0.0247  -0.0000  0.0041  -0.0031  -0.0001 |
| 8.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5510  -0.0496  0.0118  0.0659  -0.0000  0.0881  0.0082  -0.0000 | 0.3553  -0.3032  0.0067  0.0036  -0.0000  0.0503  0.0005  -0.0001 | 0.0002  0.0056  0.0016  -0.0371  -0.0000  0.0121  -0.0046  -0.0007 |
| 9.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5290  -0.0528  -0.0143  0.0577  0.0000  -0.1075  0.0072  0.0001 | -0.2881  0.2094  0.0070  0.0032  -0.0000  0.0526  0.0004  -0.0002 | -0.0043  0.0114  0.0006  -0.0390  0.0000  0.0042  -0.0049  0.0007 |
| 9.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6652  -0.0285  -0.0127  0.0584  0.0000  -0.0951  0.0073  0.0001 | -0.5680  0.0828  0.0066  0.0026  -0.0000  0.0493  0.0003  -0.0002 | -0.0846  0.0177  0.0010  -0.0236  0.0000  0.0078  -0.0029  0.0001 |
| 9.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.8262  -0.0161  -0.0111  0.0590  0.0000  -0.0830  0.0074  0.0000 | -0.6810  0.0308  0.0064  0.0022  -0.0000  0.0477  0.0003  -0.0002 | -0.1552  0.0172  0.0010  -0.0215  0.0000  0.0077  -0.0027  0.0000 |
| 9.175 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0092  -0.0138  -0.0095  0.0595  -0.0000  -0.0713  0.0074  -0.0000 | -0.7501  0.0005  0.0062  0.0019  -0.0000  0.0466  0.0002  -0.0001 | -0.2359  0.0100  0.0009  -0.0209  0.0000  0.0069  -0.0026  0.0000 |
| 9.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.2051  -0.0165  -0.0080  0.0600  -0.0000  -0.0597  0.0075  -0.0000 | -0.7855  -0.0116  0.0061  0.0018  -0.0000  0.0460  0.0002  -0.0001 | -0.3450  -0.0062  0.0007  -0.0204  0.0000  0.0055  -0.0026  0.0001 |
| 9.175 | 4.301 | 1  2  3  4  5  6  7  8 | -1.2627  0.0484  0.0059  0.0675  0.0000  0.0439  0.0084  0.0000 | 0.8248  -0.0401  0.0055  0.0043  0.0000  0.0411  0.0005  0.0000 | -0.2751  -0.0518  0.0002  -0.0217  0.0000  0.0015  -0.0027  0.0000 |
| 9.175 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0580  0.0381  0.0072  0.0686  0.0000  0.0542  0.0086  0.0000 | 0.7904  -0.0556  0.0056  0.0043  0.0000  0.0416  0.0005  0.0000 | -0.1867  -0.0222  0.0002  -0.0223  0.0000  0.0017  -0.0028  0.0000 |
| 9.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8648  0.0212  0.0086  0.0697  0.0000  0.0647  0.0087  0.0000 | 0.7232  -0.0928  0.0058  0.0042  -0.0000  0.0431  0.0005  -0.0000 | -0.1216  -0.0059  0.0003  -0.0230  -0.0000  0.0023  -0.0029  -0.0000 |
| 9.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6933  -0.0077  0.0101  0.0707  0.0000  0.0758  0.0088  0.0000 | 0.6103  -0.1539  0.0061  0.0040  -0.0000  0.0454  0.0005  -0.0001 | -0.0653  0.0026  0.0005  -0.0248  -0.0000  0.0037  -0.0031  -0.0001 |
| 9.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5467  -0.0508  0.0116  0.0717  -0.0000  0.0873  0.0090  -0.0000 | 0.3253  -0.2938  0.0067  0.0037  -0.0000  0.0502  0.0005  -0.0001 | -0.0006  0.0065  0.0017  -0.0371  -0.0000  0.0127  -0.0046  -0.0008 |
| 9.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5246  -0.0560  -0.0146  0.0632  0.0000  -0.1097  0.0079  0.0001 | -0.2562  0.1865  0.0070  0.0031  -0.0000  0.0527  0.0004  -0.0002 | -0.0057  0.0119  0.0005  -0.0384  0.0000  0.0039  -0.0048  0.0007 |
| 9.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6436  -0.0337  -0.0130  0.0638  0.0000  -0.0972  0.0080  0.0001 | -0.4985  0.0772  0.0066  0.0022  -0.0000  0.0497  0.0003  -0.0002 | -0.0976  0.0214  0.0011  -0.0235  0.0000  0.0080  -0.0029  0.0001 |
| 9.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.7848  -0.0215  -0.0113  0.0643  0.0000  -0.0850  0.0080  0.0000 | -0.5975  0.0336  0.0064  0.0018  -0.0000  0.0483  0.0002  -0.0002 | -0.1781  0.0227  0.0011  -0.0214  0.0000  0.0082  -0.0027  0.0000 |
| 9.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.9451  -0.0174  -0.0097  0.0647  -0.0000  -0.0731  0.0081  -0.0000 | -0.6568  0.0095  0.0063  0.0015  -0.0000  0.0475  0.0002  -0.0002 | -0.2678  0.0181  0.0010  -0.0207  0.0000  0.0076  -0.0026  0.0000 |
| 9.425 | 1.300 | 1  2  3  4  5  6  7  8 | -1.1162  -0.0172  -0.0082  0.0651  -0.0000  -0.0613  0.0081  -0.0000 | -0.6852  0.0008  0.0063  0.0015  -0.0000  0.0472  0.0002  -0.0002 | -0.3837  0.0075  0.0009  -0.0201  0.0000  0.0066  -0.0025  0.0000 |
| 9.425 | 4.301 | 1  2  3  4  5  6  7  8 | -1.1925  0.0581  0.0058  0.0730  0.0000  0.0438  0.0091  0.0000 | 0.7433  -0.0626  0.0054  0.0049  0.0000  0.0406  0.0006  0.0001 | -0.3009  -0.0299  -0.0001  -0.0215  0.0000  -0.0006  -0.0027  0.0001 |
| 9.425 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0078  0.0422  0.0072  0.0742  0.0000  0.0539  0.0093  0.0000 | 0.7151  -0.0736  0.0055  0.0049  0.0000  0.0411  0.0006  0.0000 | -0.2070  -0.0101  0.0000  -0.0222  0.0000  0.0004  -0.0028  0.0000 |
| 9.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.8329  0.0215  0.0086  0.0754  0.0000  0.0643  0.0094  0.0000 | 0.6569  -0.1036  0.0057  0.0047  0.0000  0.0425  0.0006  0.0000 | -0.1353  0.0016  0.0002  -0.0230  -0.0000  0.0014  -0.0029  -0.0000 |
| 9.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6769  -0.0092  0.0100  0.0765  0.0000  0.0752  0.0096  0.0000 | 0.5561  -0.1564  0.0060  0.0043  -0.0000  0.0448  0.0005  -0.0000 | -0.0726  0.0071  0.0004  -0.0248  -0.0000  0.0032  -0.0031  -0.0001 |
| 9.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5437  -0.0520  0.0116  0.0775  0.0000  0.0866  0.0097  0.0000 | 0.3026  -0.2853  0.0066  0.0039  -0.0000  0.0498  0.0005  -0.0001 | -0.0015  0.0072  0.0017  -0.0365  -0.0000  0.0128  -0.0046  -0.0007 |
| 9.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5180  -0.0596  -0.0149  0.0687  0.0000  -0.1120  0.0086  0.0001 | -0.2128  0.1605  0.0071  0.0030  -0.0000  0.0530  0.0004  -0.0003 | -0.0066  0.0126  0.0005  -0.0385  0.0000  0.0034  -0.0048  0.0007 |
| 9.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6188  -0.0398  -0.0133  0.0692  0.0000  -0.0995  0.0086  0.0001 | -0.4212  0.0696  0.0067  0.0018  -0.0000  0.0499  0.0002  -0.0002 | -0.1087  0.0247  0.0011  -0.0235  0.0000  0.0084  -0.0029  0.0001 |
| 9.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.7382  -0.0283  -0.0116  0.0695  0.0000  -0.0872  0.0087  0.0000 | -0.5059  0.0341  0.0065  0.0013  -0.0000  0.0488  0.0002  -0.0002 | -0.1966  0.0281  0.0012  -0.0212  0.0000  0.0088  -0.0026  0.0000 |
| 9.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.8740  -0.0232  -0.0100  0.0698  -0.0000  -0.0751  0.0087  -0.0000 | -0.5573  0.0152  0.0064  0.0011  -0.0000  0.0482  0.0001  -0.0002 | -0.2923  0.0259  0.0011  -0.0204  0.0000  0.0085  -0.0026  0.0000 |
| 9.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.0193  -0.0211  -0.0084  0.0701  -0.0000  -0.0631  0.0088  -0.0001 | -0.5816  0.0086  0.0064  0.0010  -0.0000  0.0480  0.0001  -0.0002 | -0.4123  0.0192  0.0010  -0.0199  0.0000  0.0077  -0.0025  0.0000 |
| 9.675 | 4.301 | 1  2  3  4  5  6  7  8 | -1.1173  0.0621  0.0059  0.0783  -0.0000  0.0442  0.0098  -0.0000 | 0.6587  -0.0765  0.0053  0.0056  0.0000  0.0395  0.0007  0.0001 | -0.3199  -0.0066  -0.0004  -0.0213  0.0000  -0.0029  -0.0027  0.0001 |
| 9.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.9536  0.0429  0.0072  0.0797  0.0000  0.0540  0.0100  0.0000 | 0.6347  -0.0852  0.0053  0.0055  0.0000  0.0400  0.0007  0.0001 | -0.2212  0.0048  -0.0002  -0.0221  0.0000  -0.0013  -0.0028  0.0001 |
| 9.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7982  0.0197  0.0086  0.0811  0.0000  0.0642  0.0101  0.0000 | 0.5851  -0.1102  0.0055  0.0052  0.0000  0.0414  0.0006  0.0000 | -0.1449  0.0112  0.0000  -0.0230  0.0000  0.0002  -0.0029  0.0000 |
| 9.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6589  -0.0120  0.0100  0.0823  0.0000  0.0748  0.0103  0.0000 | 0.4978  -0.1558  0.0059  0.0047  -0.0000  0.0439  0.0006  -0.0000 | -0.0778  0.0128  0.0003  -0.0248  -0.0000  0.0026  -0.0031  -0.0001 |
| 9.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5391  -0.0543  0.0115  0.0834  0.0000  0.0860  0.0104  0.0000 | 0.2708  -0.2685  0.0066  0.0040  -0.0000  0.0493  0.0005  -0.0001 | -0.0020  0.0083  0.0018  -0.0365  -0.0000  0.0134  -0.0046  -0.0007 |
| 9.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5122  -0.0632  -0.0153  0.0742  0.0000  -0.1144  0.0093  0.0001 | -0.1739  0.1365  0.0071  0.0030  -0.0000  0.0532  0.0004  -0.0003 | -0.0076  0.0128  0.0004  -0.0379  0.0000  0.0031  -0.0047  0.0007 |
| 9.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5918  -0.0467  -0.0136  0.0745  0.0000  -0.1018  0.0093  0.0001 | -0.3366  0.0602  0.0067  0.0012  -0.0000  0.0500  0.0001  -0.0002 | -0.1172  0.0278  0.0012  -0.0233  0.0000  0.0090  -0.0029  0.0001 |
| 9.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.6873  -0.0363  -0.0119  0.0747  0.0000  -0.0895  0.0093  0.0000 | -0.4079  0.0327  0.0065  0.0007  -0.0000  0.0490  0.0001  -0.0002 | -0.2110  0.0326  0.0013  -0.0209  -0.0000  0.0096  -0.0026  -0.0000 |
| 9.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.7973  -0.0308  -0.0103  0.0749  -0.0000  -0.0773  0.0094  -0.0000 | -0.4538  0.0186  0.0065  0.0007  -0.0000  0.0487  0.0001  -0.0002 | -0.3108  0.0319  0.0013  -0.0202  -0.0000  0.0094  -0.0025  -0.0000 |
| 9.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.9162  -0.0275  -0.0087  0.0750  -0.0000  -0.0652  0.0094  -0.0001 | -0.4757  0.0138  0.0065  0.0007  -0.0000  0.0486  0.0001  -0.0002 | -0.4329  0.0273  0.0012  -0.0197  -0.0000  0.0088  -0.0025  -0.0000 |
| 9.925 | 4.301 | 1  2  3  4  5  6  7  8 | -1.0379  0.0606  0.0060  0.0836  -0.0000  0.0452  0.0104  -0.0001 | 0.5696  -0.0836  0.0050  0.0063  0.0000  0.0378  0.0008  0.0002 | -0.3374  0.0158  -0.0007  -0.0210  0.0000  -0.0053  -0.0026  0.0002 |
| 9.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.8964  0.0397  0.0073  0.0852  -0.0000  0.0546  0.0106  -0.0000 | 0.5495  -0.0907  0.0051  0.0062  0.0000  0.0384  0.0008  0.0001 | -0.2323  0.0200  -0.0004  -0.0220  0.0000  -0.0031  -0.0027  0.0001 |
| 9.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7615  0.0154  0.0086  0.0867  0.0000  0.0643  0.0108  0.0000 | 0.5088  -0.1120  0.0053  0.0059  0.0000  0.0398  0.0007  0.0001 | -0.1517  0.0213  -0.0001  -0.0229  0.0000  -0.0011  -0.0029  0.0001 |
| 9.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6401  -0.0162  0.0099  0.0881  0.0000  0.0745  0.0110  0.0000 | 0.4356  -0.1513  0.0057  0.0053  0.0000  0.0424  0.0007  0.0000 | -0.0814  0.0188  0.0002  -0.0248  -0.0000  0.0018  -0.0031  -0.0001 |
| 9.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5353  -0.0569  0.0114  0.0894  0.0000  0.0854  0.0112  0.0000 | 0.2432  -0.2502  0.0065  0.0042  -0.0000  0.0486  0.0005  -0.0001 | -0.0029  0.0090  0.0018  -0.0359  -0.0000  0.0134  -0.0045  -0.0007 |
| 10.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.5055  -0.0677  -0.0156  0.0798  0.0000  -0.1168  0.0100  0.0001 | -0.1310  0.1070  0.0071  0.0030  -0.0000  0.0536  0.0004  -0.0003 | -0.0080  0.0130  0.0004  -0.0379  0.0000  0.0026  -0.0047  0.0007 |
| 10.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5628  -0.0545  -0.0139  0.0798  0.0000  -0.1044  0.0100  0.0001 | -0.2478  0.0499  0.0066  0.0004  -0.0000  0.0498  0.0001  -0.0002 | -0.1214  0.0304  0.0013  -0.0231  0.0000  0.0096  -0.0029  0.0000 |
| 10.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.6332  -0.0454  -0.0123  0.0798  0.0000  -0.0921  0.0100  0.0001 | -0.3060  0.0305  0.0066  0.0001  -0.0000  0.0492  0.0000  -0.0002 | -0.2181  0.0358  0.0014  -0.0207  -0.0000  0.0105  -0.0026  -0.0000 |
| 10.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.7165  -0.0396  -0.0106  0.0798  0.0000  -0.0798  0.0100  0.0000 | -0.3482  0.0210  0.0066  0.0004  -0.0000  0.0492  0.0000  -0.0002 | -0.3203  0.0356  0.0014  -0.0200  -0.0000  0.0104  -0.0025  -0.0001 |
| 10.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.8089  -0.0353  -0.0090  0.0799  -0.0000  -0.0675  0.0100  -0.0000 | -0.3695  0.0179  0.0066  0.0005  -0.0000  0.0492  0.0001  -0.0002 | -0.4423  0.0316  0.0013  -0.0198  -0.0000  0.0097  -0.0025  -0.0000 |
| 10.175 | 4.301 | 1  2  3  4  5  6  7  8 | -0.9544  0.0538  0.0062  0.0889  -0.0000  0.0467  0.0111  -0.0001 | 0.4736  -0.0847  0.0048  0.0072  0.0000  0.0357  0.0009  0.0002 | -0.3546  0.0369  -0.0010  -0.0208  0.0000  -0.0076  -0.0026  0.0003 |
| 10.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.8366  0.0326  0.0074  0.0907  -0.0000  0.0557  0.0113  -0.0001 | 0.4588  -0.0908  0.0048  0.0070  0.0000  0.0363  0.0009  0.0002 | -0.2407  0.0345  -0.0007  -0.0218  0.0000  -0.0050  -0.0027  0.0002 |
| 10.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.7236  0.0085  0.0086  0.0924  -0.0000  0.0648  0.0115  -0.0000 | 0.4291  -0.1092  0.0050  0.0066  0.0000  0.0377  0.0008  0.0002 | -0.1560  0.0312  -0.0003  -0.0228  0.0000  -0.0026  -0.0029  0.0001 |
| 10.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6206  -0.0219  0.0099  0.0940  0.0000  0.0745  0.0117  0.0000 | 0.3716  -0.1431  0.0054  0.0059  0.0000  0.0405  0.0007  0.0001 | -0.0835  0.0245  0.0001  -0.0248  -0.0000  0.0009  -0.0031  -0.0000 |
| 10.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5302  -0.0603  0.0113  0.0954  0.0000  0.0849  0.0119  0.0000 | 0.2080  -0.2259  0.0064  0.0045  -0.0000  0.0478  0.0006  -0.0001 | -0.0035  0.0098  0.0019  -0.0358  -0.0000  0.0139  -0.0045  -0.0007 |
| 10.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4992  -0.0729  -0.0159  0.0854  0.0000  -0.1193  0.0107  0.0001 | -0.0918  0.0770  0.0072  0.0031  -0.0000  0.0540  0.0004  -0.0004 | -0.0083  0.0125  0.0003  -0.0373  0.0000  0.0025  -0.0047  0.0007 |
| 10.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5335  -0.0628  -0.0143  0.0851  0.0000  -0.1071  0.0106  0.0001 | -0.1592  0.0397  0.0066  -0.0003  -0.0000  0.0497  -0.0000  -0.0002 | -0.1152  0.0317  0.0014  -0.0231  0.0000  0.0102  -0.0029  0.0000 |
| 10.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.5783  -0.0551  -0.0127  0.0848  0.0000  -0.0949  0.0106  0.0001 | -0.2036  0.0282  0.0066  -0.0002  -0.0000  0.0495  -0.0000  -0.0002 | -0.2089  0.0375  0.0015  -0.0209  -0.0000  0.0111  -0.0026  -0.0001 |
| 10.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.6344  -0.0491  -0.0110  0.0848  0.0000  -0.0826  0.0106  0.0000 | -0.2429  0.0232  0.0067  0.0004  -0.0000  0.0499  0.0000  -0.0002 | -0.3111  0.0376  0.0015  -0.0204  -0.0000  0.0110  -0.0025  -0.0001 |
| 10.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.7006  -0.0437  -0.0093  0.0849  -0.0000  -0.0701  0.0106  -0.0000 | -0.2654  0.0222  0.0067  0.0005  -0.0000  0.0500  0.0001  -0.0002 | -0.4334  0.0328  0.0014  -0.0202  -0.0000  0.0102  -0.0025  -0.0000 |
| 10.425 | 4.301 | 1  2  3  4  5  6  7  8 | -0.8670  0.0422  0.0065  0.0941  -0.0000  0.0489  0.0118  -0.0002 | 0.3675  -0.0803  0.0045  0.0080  0.0000  0.0334  0.0010  0.0003 | -0.3680  0.0571  -0.0012  -0.0208  0.0000  -0.0093  -0.0026  0.0003 |
| 10.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.7754  0.0221  0.0076  0.0961  -0.0000  0.0572  0.0120  -0.0001 | 0.3626  -0.0858  0.0045  0.0078  0.0000  0.0340  0.0010  0.0003 | -0.2441  0.0481  -0.0009  -0.0217  0.0000  -0.0069  -0.0027  0.0003 |
| 10.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6851  -0.0007  0.0088  0.0980  -0.0000  0.0657  0.0122  -0.0001 | 0.3471  -0.1021  0.0047  0.0075  0.0000  0.0351  0.0009  0.0003 | -0.1574  0.0405  -0.0006  -0.0227  0.0000  -0.0043  -0.0028  0.0002 |
| 10.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6009  -0.0289  0.0100  0.0998  0.0000  0.0747  0.0125  0.0000 | 0.3061  -0.1310  0.0051  0.0068  0.0000  0.0379  0.0008  0.0002 | -0.0844  0.0302  -0.0000  -0.0247  0.0000  -0.0002  -0.0031  0.0000 |
| 10.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5261  -0.0637  0.0113  0.1014  0.0000  0.0844  0.0127  0.0000 | 0.1783  -0.2035  0.0062  0.0048  -0.0000  0.0465  0.0006  -0.0001 | -0.0042  0.0102  0.0018  -0.0352  -0.0000  0.0138  -0.0044  -0.0007 |
| 10.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4939  -0.0773  -0.0162  0.0913  0.0000  -0.1217  0.0114  0.0001 | -0.0601  0.0541  0.0074  0.0040  -0.0000  0.0551  0.0005  -0.0004 | -0.0072  0.0116  0.0003  -0.0375  0.0000  0.0019  -0.0047  0.0007 |
| 10.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.5074  -0.0713  -0.0147  0.0903  0.0000  -0.1101  0.0113  0.0001 | -0.0829  0.0306  0.0068  0.0002  -0.0000  0.0508  0.0000  -0.0002 | -0.0892  0.0312  0.0013  -0.0240  0.0000  0.0099  -0.0030  0.0000 |
| 10.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.5285  -0.0650  -0.0131  0.0900  0.0000  -0.0978  0.0112  0.0001 | -0.1099  0.0264  0.0068  0.0007  -0.0000  0.0510  0.0001  -0.0003 | -0.1653  0.0380  0.0014  -0.0224  -0.0000  0.0106  -0.0028  -0.0000 |
| 10.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.5572  -0.0589  -0.0114  0.0899  0.0000  -0.0854  0.0112  0.0000 | -0.1412  0.0258  0.0069  0.0013  -0.0000  0.0517  0.0002  -0.0003 | -0.2585  0.0395  0.0014  -0.0219  -0.0000  0.0108  -0.0027  -0.0001 |
| 10.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.5973  -0.0521  -0.0097  0.0900  -0.0000  -0.0727  0.0112  -0.0000 | -0.1611  0.0280  0.0068  0.0006  -0.0000  0.0509  0.0001  -0.0003 | -0.3998  0.0334  0.0014  -0.0209  -0.0000  0.0104  -0.0026  -0.0000 |
| 10.675 | 4.301 | 1  2  3  4  5  6  7  8 | -0.7773  0.0258  0.0068  0.0993  -0.0000  0.0513  0.0124  -0.0003 | 0.2492  -0.0693  0.0042  0.0086  0.0000  0.0318  0.0011  0.0003 | -0.3651  0.0783  -0.0013  -0.0213  0.0000  -0.0095  -0.0027  0.0004 |
| 10.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.7145  0.0084  0.0079  0.1014  -0.0000  0.0593  0.0127  -0.0002 | 0.2642  -0.0759  0.0043  0.0085  0.0000  0.0320  0.0011  0.0004 | -0.2399  0.0612  -0.0011  -0.0217  0.0000  -0.0086  -0.0027  0.0004 |
| 10.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6466  -0.0121  0.0090  0.1036  -0.0000  0.0671  0.0129  -0.0001 | 0.2661  -0.0914  0.0043  0.0084  0.0000  0.0322  0.0011  0.0004 | -0.1569  0.0499  -0.0008  -0.0226  0.0000  -0.0060  -0.0028  0.0002 |
| 10.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5810  -0.0374  0.0100  0.1057  -0.0000  0.0753  0.0132  -0.0000 | 0.2411  -0.1157  0.0046  0.0077  0.0000  0.0347  0.0010  0.0003 | -0.0853  0.0362  -0.0002  -0.0247  0.0000  -0.0014  -0.0031  0.0001 |
| 10.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5212  -0.0682  0.0112  0.1076  0.0000  0.0841  0.0134  0.0000 | 0.1452  -0.1737  0.0060  0.0053  -0.0000  0.0450  0.0007  -0.0000 | -0.0046  0.0108  0.0019  -0.0350  -0.0000  0.0141  -0.0044  -0.0007 |
| 10.800 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5889  -0.0452  -0.0083  0.0931  -0.0000  -0.0622  0.0116  -0.0001 | -0.1038  0.0598  0.0060  0.0002  -0.0000  0.0451  0.0000  -0.0002 | -0.2258  0.0469  0.0014  -0.0257  -0.0000  0.0103  -0.0032  -0.0000 |
| 10.800 | 1.800 | 1  2  3  4  5  6  7  8 | -0.6209  -0.0304  -0.0068  0.0932  -0.0000  -0.0511  0.0116  -0.0001 | -0.1285  0.0605  0.0059  0.0002  -0.0000  0.0441  0.0000  -0.0002 | -0.2140  0.0568  0.0014  -0.0254  -0.0000  0.0107  -0.0032  -0.0001 |
| 10.800 | 2.050 | 1  2  3  4  5  6  7  8 | -0.6537  -0.0154  -0.0054  0.0932  -0.0000  -0.0402  0.0116  -0.0002 | -0.1280  0.0594  0.0058  0.0004  -0.0000  0.0436  0.0001  -0.0002 | -0.2371  0.0669  0.0014  -0.0253  -0.0000  0.0105  -0.0032  -0.0001 |
| 10.800 | 2.300 | 1  2  3  4  5  6  7  8 | -0.6835  -0.0012  -0.0039  0.0934  -0.0000  -0.0293  0.0117  -0.0002 | -0.1146  0.0550  0.0058  0.0010  -0.0000  0.0434  0.0001  -0.0002 | -0.2687  0.0776  0.0013  -0.0254  -0.0000  0.0097  -0.0032  -0.0001 |
| 10.800 | 2.550 | 1  2  3  4  5  6  7  8 | -0.7089  0.0115  -0.0025  0.0937  -0.0000  -0.0184  0.0117  -0.0002 | -0.0971  0.0472  0.0058  0.0017  -0.0000  0.0435  0.0002  -0.0002 | -0.2991  0.0881  0.0011  -0.0256  -0.0000  0.0084  -0.0032  -0.0001 |
| 10.800 | 2.800 | 1  2  3  4  5  6  7  8 | -0.7300  0.0218  -0.0010  0.0942  -0.0000  -0.0075  0.0118  -0.0003 | -0.0791  0.0368  0.0058  0.0024  -0.0000  0.0434  0.0003  -0.0002 | -0.3253  0.0974  0.0009  -0.0256  -0.0000  0.0070  -0.0032  -0.0000 |
| 10.800 | 3.050 | 1  2  3  4  5  6  7  8 | -0.7468  0.0294  0.0004  0.0949  -0.0000  0.0034  0.0119  -0.0003 | -0.0612  0.0245  0.0057  0.0033  -0.0000  0.0429  0.0004  -0.0002 | -0.3464  0.1049  0.0007  -0.0254  -0.0000  0.0052  -0.0032  -0.0000 |
| 10.800 | 3.300 | 1  2  3  4  5  6  7  8 | -0.7593  0.0337  0.0019  0.0958  -0.0000  0.0141  0.0120  -0.0004 | -0.0424  0.0111  0.0056  0.0042  -0.0000  0.0420  0.0005  -0.0001 | -0.3620  0.1096  0.0004  -0.0251  0.0000  0.0031  -0.0031  0.0000 |
| 10.800 | 3.550 | 1  2  3  4  5  6  7  8 | -0.7672  0.0347  0.0033  0.0969  -0.0000  0.0245  0.0121  -0.0004 | -0.0205  -0.0029  0.0054  0.0052  -0.0000  0.0405  0.0006  -0.0001 | -0.3716  0.1109  0.0000  -0.0244  0.0000  0.0004  -0.0031  0.0001 |
| 10.800 | 3.800 | 1  2  3  4  5  6  7  8 | -0.7693  0.0323  0.0046  0.0983  -0.0000  0.0346  0.0123  -0.0004 | 0.0083  -0.0174  0.0051  0.0063  0.0000  0.0383  0.0008  0.0000 | -0.3751  0.1084  -0.0004  -0.0235  0.0000  -0.0030  -0.0029  0.0002 |
| 10.800 | 4.050 | 1  2  3  4  5  6  7  8 | -0.7635  0.0264  0.0059  0.1000  -0.0000  0.0439  0.0125  -0.0004 | 0.0497  -0.0317  0.0048  0.0073  0.0000  0.0359  0.0009  0.0001 | -0.3733  0.1018  -0.0009  -0.0225  0.0000  -0.0066  -0.0028  0.0003 |
| 10.800 | 4.300 | 1  2  3  4  5  6  7  8 | -0.7467  0.0185  0.0070  0.1019  -0.0000  0.0528  0.0127  -0.0004 | 0.0875  -0.0403  0.0046  0.0078  0.0000  0.0348  0.0010  0.0002 | -0.3670  0.0813  -0.0013  -0.0214  0.0000  -0.0094  -0.0027  0.0004 |
| 10.850 | 0.300 | 1  2  3  4  5  6  7  8 | -0.4868  -0.0836  -0.0167  0.0935  0.0000  -0.1251  0.0117  0.0002 | -0.0384  0.0316  0.0080  0.0084  -0.0000  0.0601  0.0010  -0.0007 | -0.0076  0.0117  0.0007  -0.0318  0.0000  0.0051  -0.0040  0.0004 |
| 10.850 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4918  -0.0779  -0.0150  0.0936  0.0000  -0.1124  0.0117  0.0002 | -0.0407  0.0315  0.0081  0.0088  -0.0000  0.0609  0.0011  -0.0008 | -0.0223  0.0230  0.0009  -0.0293  0.0000  0.0064  -0.0037  0.0003 |
| 10.850 | 0.800 | 1  2  3  4  5  6  7  8 | -0.4972  -0.0724  -0.0133  0.0936  0.0000  -0.1000  0.0117  0.0001 | -0.0418  0.0297  0.0081  0.0085  -0.0000  0.0608  0.0011  -0.0008 | -0.0390  0.0343  0.0009  -0.0285  0.0000  0.0066  -0.0036  0.0002 |
| 10.850 | 1.050 | 1  2  3  4  5  6  7  8 | -0.5024  -0.0663  -0.0117  0.0933  0.0000  -0.0879  0.0117  0.0001 | -0.0447  0.0283  0.0081  0.0081  -0.0000  0.0604  0.0010  -0.0007 | -0.0487  0.0432  0.0007  -0.0291  0.0000  0.0056  -0.0036  0.0002 |
| 10.850 | 1.300 | 1  2  3  4  5  6  7  8 | -0.5097  -0.0583  -0.0100  0.0937  0.0000  -0.0750  0.0117  0.0000 | -0.0469  0.0272  0.0079  0.0070  -0.0000  0.0590  0.0009  -0.0007 | -0.0409  0.0521  0.0004  -0.0310  0.0000  0.0028  -0.0039  0.0003 |
| 10.925 | 1.350 | 1  2  3  4  5  6  7  8 | -0.5090  -0.0608  -0.0096  0.0964  -0.0000  -0.0723  0.0120  -0.0000 | -0.0469  0.0272  0.0079  0.0070  -0.0000  0.0590  0.0009  -0.0007 | -0.0409  0.0521  0.0004  -0.0310  0.0000  0.0028  -0.0039  0.0003 |
| 10.925 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5571  -0.0508  -0.0085  0.0963  -0.0000  -0.0635  0.0120  -0.0001 | -0.1362  0.0489  0.0062  0.0009  -0.0000  0.0464  0.0001  -0.0002 | -0.1712  0.0491  0.0013  -0.0260  -0.0000  0.0101  -0.0033  -0.0000 |
| 10.925 | 1.800 | 1  2  3  4  5  6  7  8 | -0.5932  -0.0374  -0.0070  0.0963  -0.0000  -0.0524  0.0120  -0.0001 | -0.1243  0.0531  0.0059  0.0002  -0.0000  0.0443  0.0000  -0.0002 | -0.1994  0.0574  0.0015  -0.0253  -0.0000  0.0110  -0.0032  -0.0001 |
| 10.925 | 2.050 | 1  2  3  4  5  6  7  8 | -0.6235  -0.0237  -0.0055  0.0964  -0.0000  -0.0415  0.0120  -0.0001 | -0.1091  0.0520  0.0059  0.0005  -0.0000  0.0441  0.0001  -0.0002 | -0.2288  0.0679  0.0014  -0.0253  -0.0000  0.0106  -0.0032  -0.0001 |
| 10.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.6493  -0.0108  -0.0041  0.0965  -0.0000  -0.0305  0.0121  -0.0002 | -0.0932  0.0475  0.0059  0.0011  -0.0000  0.0443  0.0001  -0.0002 | -0.2607  0.0791  0.0013  -0.0254  -0.0000  0.0096  -0.0032  -0.0001 |
| 10.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.6710  0.0006  -0.0026  0.0969  -0.0000  -0.0195  0.0121  -0.0002 | -0.0776  0.0403  0.0059  0.0017  -0.0000  0.0445  0.0002  -0.0002 | -0.2907  0.0899  0.0011  -0.0256  -0.0000  0.0084  -0.0032  -0.0001 |
| 10.925 | 2.800 | 1  2  3  4  5  6  7  8 | -0.6887  0.0098  -0.0011  0.0974  -0.0000  -0.0084  0.0122  -0.0003 | -0.0628  0.0309  0.0059  0.0024  -0.0000  0.0445  0.0003  -0.0002 | -0.3165  0.0995  0.0009  -0.0256  -0.0000  0.0070  -0.0032  -0.0000 |
| 10.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.7029  0.0164  0.0004  0.0981  -0.0000  0.0027  0.0122  -0.0003 | -0.0486  0.0203  0.0059  0.0031  -0.0000  0.0443  0.0004  -0.0002 | -0.3373  0.1071  0.0007  -0.0255  -0.0000  0.0053  -0.0032  -0.0000 |
| 10.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.7134  0.0202  0.0018  0.0989  -0.0000  0.0137  0.0124  -0.0004 | -0.0338  0.0090  0.0058  0.0038  -0.0000  0.0437  0.0005  -0.0002 | -0.3525  0.1118  0.0004  -0.0251  0.0000  0.0032  -0.0031  0.0000 |
| 10.925 | 3.550 | 1  2  3  4  5  6  7  8 | -0.7201  0.0210  0.0033  0.1000  -0.0000  0.0245  0.0125  -0.0004 | -0.0160  -0.0025  0.0057  0.0047  -0.0000  0.0426  0.0006  -0.0001 | -0.3618  0.1133  0.0001  -0.0245  0.0000  0.0006  -0.0031  0.0001 |
| 10.925 | 3.800 | 1  2  3  4  5  6  7  8 | -0.7217  0.0189  0.0047  0.1013  -0.0000  0.0349  0.0126  -0.0004 | 0.0088  -0.0143  0.0054  0.0057  -0.0000  0.0407  0.0007  -0.0001 | -0.3642  0.1109  -0.0004  -0.0237  0.0000  -0.0027  -0.0030  0.0002 |
| 10.925 | 4.050 | 1  2  3  4  5  6  7  8 | -0.7158  0.0139  0.0060  0.1028  -0.0000  0.0448  0.0128  -0.0004 | 0.0469  -0.0265  0.0051  0.0067  0.0000  0.0381  0.0008  0.0001 | -0.3574  0.1047  -0.0008  -0.0227  0.0000  -0.0061  -0.0028  0.0003 |
| 10.925 | 4.300 | 1  2  3  4  5  6  7  8 | -0.6973  0.0056  0.0072  0.1046  -0.0000  0.0539  0.0131  -0.0004 | 0.1042  -0.0416  0.0046  0.0079  0.0000  0.0346  0.0010  0.0002 | -0.3324  0.0945  -0.0012  -0.0220  0.0000  -0.0087  -0.0027  0.0004 |
| 10.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.6564  -0.0083  0.0082  0.1068  -0.0000  0.0618  0.0133  -0.0003 | 0.1762  -0.0620  0.0041  0.0089  0.0000  0.0309  0.0011  0.0004 | -0.2379  0.0762  -0.0013  -0.0218  0.0000  -0.0097  -0.0027  0.0004 |
| 10.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.6082  -0.0259  0.0092  0.1092  -0.0000  0.0691  0.0136  -0.0002 | 0.1898  -0.0773  0.0039  0.0094  0.0000  0.0292  0.0012  0.0005 | -0.1568  0.0605  -0.0010  -0.0226  0.0000  -0.0076  -0.0028  0.0003 |
| 10.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5606  -0.0474  0.0102  0.1116  -0.0000  0.0762  0.0139  -0.0001 | 0.1764  -0.0968  0.0041  0.0089  0.0000  0.0308  0.0011  0.0005 | -0.0861  0.0426  -0.0003  -0.0247  0.0000  -0.0026  -0.0031  0.0001 |
| 10.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5167  -0.0731  0.0112  0.1138  0.0000  0.0837  0.0142  0.0001 | 0.1135  -0.1429  0.0057  0.0058  0.0000  0.0429  0.0007  0.0000 | -0.0054  0.0109  0.0018  -0.0343  -0.0000  0.0138  -0.0043  -0.0007 |
| 11.175 | 1.350 | 1  2  3  4  5  6  7  8 | -0.4994  -0.0720  -0.0100  0.1027  -0.0000  -0.0751  0.0128  -0.0000 | -0.0356  0.0246  0.0075  0.0047  -0.0000  0.0563  0.0006  -0.0006 | -0.0378  0.0547  0.0003  -0.0315  0.0000  0.0021  -0.0039  0.0004 |
| 11.175 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5225  -0.0625  -0.0089  0.1026  -0.0000  -0.0665  0.0128  -0.0000 | -0.0917  0.0403  0.0062  0.0008  -0.0000  0.0468  0.0001  -0.0002 | -0.1096  0.0504  0.0015  -0.0257  -0.0000  0.0113  -0.0032  -0.0001 |
| 11.175 | 1.800 | 1  2  3  4  5  6  7  8 | -0.5472  -0.0515  -0.0074  0.1026  -0.0000  -0.0554  0.0128  -0.0001 | -0.0889  0.0420  0.0061  0.0004  -0.0000  0.0455  0.0001  -0.0002 | -0.1570  0.0603  0.0016  -0.0251  -0.0000  0.0118  -0.0031  -0.0001 |
| 11.175 | 2.050 | 1  2  3  4  5  6  7  8 | -0.5684  -0.0408  -0.0059  0.1027  -0.0000  -0.0442  0.0128  -0.0001 | -0.0760  0.0402  0.0061  0.0008  -0.0000  0.0456  0.0001  -0.0002 | -0.1969  0.0736  0.0014  -0.0253  -0.0000  0.0108  -0.0032  -0.0001 |
| 11.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.5857  -0.0308  -0.0044  0.1029  -0.0000  -0.0330  0.0129  -0.0002 | -0.0628  0.0360  0.0061  0.0014  -0.0000  0.0459  0.0002  -0.0002 | -0.2314  0.0872  0.0013  -0.0256  -0.0000  0.0096  -0.0032  -0.0001 |
| 11.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.5997  -0.0223  -0.0029  0.1033  -0.0000  -0.0216  0.0129  -0.0002 | -0.0512  0.0299  0.0062  0.0019  -0.0000  0.0462  0.0002  -0.0002 | -0.2609  0.0999  0.0011  -0.0259  -0.0000  0.0084  -0.0032  -0.0001 |
| 11.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.6110  -0.0156  -0.0014  0.1038  -0.0000  -0.0102  0.0130  -0.0003 | -0.0411  0.0223  0.0062  0.0024  -0.0000  0.0464  0.0003  -0.0002 | -0.2853  0.1109  0.0010  -0.0259  -0.0000  0.0071  -0.0032  -0.0001 |
| 11.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.6199  -0.0110  0.0002  0.1045  -0.0000  0.0013  0.0130  -0.0003 | -0.0319  0.0141  0.0062  0.0029  -0.0000  0.0464  0.0004  -0.0003 | -0.3047  0.1194  0.0008  -0.0258  -0.0000  0.0057  -0.0032  -0.0000 |
| 11.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.6267  -0.0085  0.0017  0.1052  -0.0000  0.0128  0.0131  -0.0004 | -0.0223  0.0059  0.0062  0.0034  -0.0000  0.0463  0.0004  -0.0002 | -0.3188  0.1247  0.0005  -0.0255  0.0000  0.0040  -0.0032  0.0000 |
| 11.175 | 3.550 | 1  2  3  4  5  6  7  8 | -0.6310  -0.0081  0.0032  0.1061  -0.0000  0.0243  0.0133  -0.0004 | -0.0107  -0.0022  0.0061  0.0040  -0.0000  0.0457  0.0005  -0.0002 | -0.3271  0.1266  0.0002  -0.0250  0.0000  0.0017  -0.0031  0.0001 |
| 11.175 | 3.800 | 1  2  3  4  5  6  7  8 | -0.6321  -0.0097  0.0047  0.1072  -0.0000  0.0355  0.0134  -0.0005 | 0.0056  -0.0105  0.0059  0.0048  -0.0000  0.0443  0.0006  -0.0002 | -0.3274  0.1246  -0.0002  -0.0242  0.0000  -0.0013  -0.0030  0.0002 |
| 11.175 | 4.050 | 1  2  3  4  5  6  7  8 | -0.6282  -0.0134  0.0062  0.1085  -0.0000  0.0463  0.0136  -0.0005 | 0.0300  -0.0196  0.0055  0.0059  -0.0000  0.0416  0.0007  -0.0000 | -0.3157  0.1187  -0.0007  -0.0232  0.0000  -0.0050  -0.0029  0.0003 |
| 11.175 | 4.300 | 1  2  3  4  5  6  7  8 | -0.6171  -0.0196  0.0075  0.1101  -0.0000  0.0562  0.0138  -0.0005 | 0.0635  -0.0313  0.0049  0.0074  0.0000  0.0370  0.0009  0.0002 | -0.2835  0.1085  -0.0011  -0.0224  0.0000  -0.0086  -0.0028  0.0004 |
| 11.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5967  -0.0293  0.0086  0.1122  -0.0000  0.0646  0.0140  -0.0004 | 0.0989  -0.0454  0.0042  0.0091  0.0000  0.0312  0.0011  0.0004 | -0.2200  0.0919  -0.0014  -0.0221  0.0000  -0.0106  -0.0028  0.0005 |
| 11.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5693  -0.0426  0.0095  0.1148  -0.0000  0.0714  0.0143  -0.0003 | 0.1151  -0.0587  0.0036  0.0102  0.0000  0.0267  0.0013  0.0006 | -0.1485  0.0720  -0.0011  -0.0229  0.0000  -0.0086  -0.0029  0.0004 |
| 11.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5400  -0.0591  0.0103  0.1175  -0.0000  0.0774  0.0147  -0.0001 | 0.1130  -0.0740  0.0036  0.0101  0.0000  0.0267  0.0013  0.0006 | -0.0826  0.0492  -0.0004  -0.0250  0.0000  -0.0031  -0.0031  0.0001 |
| 11.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5117  -0.0787  0.0111  0.1201  0.0000  0.0834  0.0150  0.0001 | 0.0800  -0.1086  0.0054  0.0064  0.0000  0.0407  0.0008  0.0001 | -0.0055  0.0107  0.0018  -0.0339  -0.0000  0.0137  -0.0042  -0.0007 |
| 11.425 | 1.350 | 1  2  3  4  5  6  7  8 | -0.4934  -0.0813  -0.0105  0.1089  0.0000  -0.0783  0.0136  0.0000 | -0.0214  0.0152  0.0077  0.0043  -0.0000  0.0576  0.0005  -0.0006 | -0.0347  0.0566  0.0002  -0.0317  0.0000  0.0014  -0.0040  0.0004 |
| 11.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5021  -0.0741  -0.0093  0.1086  0.0000  -0.0701  0.0136  0.0000 | -0.0443  0.0266  0.0067  0.0015  -0.0000  0.0500  0.0002  -0.0003 | -0.0695  0.0554  0.0015  -0.0259  -0.0000  0.0113  -0.0032  -0.0001 |
| 11.425 | 1.800 | 1  2  3  4  5  6  7  8 | -0.5134  -0.0668  -0.0078  0.1088  -0.0000  -0.0586  0.0136  -0.0000 | -0.0452  0.0265  0.0066  0.0015  -0.0000  0.0496  0.0002  -0.0003 | -0.1095  0.0706  0.0015  -0.0256  -0.0000  0.0113  -0.0032  -0.0001 |
| 11.425 | 2.050 | 1  2  3  4  5  6  7  8 | -0.5235  -0.0600  -0.0063  0.1090  -0.0000  -0.0470  0.0136  -0.0001 | -0.0395  0.0247  0.0067  0.0019  -0.0000  0.0499  0.0002  -0.0003 | -0.1465  0.0888  0.0014  -0.0259  -0.0000  0.0102  -0.0032  -0.0001 |
| 11.425 | 2.300 | 1  2  3  4  5  6  7  8 | -0.5320  -0.0540  -0.0047  0.1093  -0.0000  -0.0354  0.0137  -0.0001 | -0.0326  0.0218  0.0067  0.0022  -0.0000  0.0500  0.0003  -0.0004 | -0.1773  0.1071  0.0012  -0.0263  -0.0000  0.0091  -0.0033  -0.0001 |
| 11.425 | 2.550 | 1  2  3  4  5  6  7  8 | -0.5386  -0.0490  -0.0032  0.1098  -0.0000  -0.0237  0.0137  -0.0002 | -0.0266  0.0177  0.0067  0.0025  -0.0000  0.0502  0.0003  -0.0004 | -0.2026  0.1235  0.0011  -0.0264  -0.0000  0.0081  -0.0033  -0.0001 |
| 11.425 | 2.800 | 1  2  3  4  5  6  7  8 | -0.5441  -0.0453  -0.0016  0.1104  -0.0000  -0.0120  0.0138  -0.0003 | -0.0216  0.0127  0.0067  0.0028  -0.0000  0.0502  0.0003  -0.0004 | -0.2228  0.1370  0.0010  -0.0265  -0.0000  0.0072  -0.0033  -0.0000 |
| 11.425 | 3.050 | 1  2  3  4  5  6  7  8 | -0.5484  -0.0431  -0.0000  0.1110  -0.0000  -0.0002  0.0139  -0.0003 | -0.0170  0.0078  0.0067  0.0030  -0.0000  0.0504  0.0004  -0.0004 | -0.2387  0.1467  0.0008  -0.0264  -0.0000  0.0062  -0.0033  -0.0000 |
| 11.425 | 3.300 | 1  2  3  4  5  6  7  8 | -0.5518  -0.0420  0.0016  0.1117  -0.0000  0.0117  0.0140  -0.0004 | -0.0123  0.0031  0.0067  0.0033  -0.0000  0.0503  0.0004  -0.0004 | -0.2499  0.1527  0.0007  -0.0262  -0.0000  0.0050  -0.0033  -0.0000 |
| 11.425 | 3.550 | 1  2  3  4  5  6  7  8 | -0.5540  -0.0421  0.0031  0.1125  -0.0000  0.0236  0.0141  -0.0005 | -0.0069  -0.0014  0.0067  0.0037  -0.0000  0.0500  0.0005  -0.0004 | -0.2563  0.1545  0.0005  -0.0258  0.0000  0.0034  -0.0032  0.0000 |
| 11.425 | 3.800 | 1  2  3  4  5  6  7  8 | -0.5550  -0.0433  0.0047  0.1134  -0.0000  0.0356  0.0142  -0.0005 | 0.0004  -0.0059  0.0065  0.0042  -0.0000  0.0490  0.0005  -0.0003 | -0.2559  0.1524  0.0001  -0.0252  0.0000  0.0011  -0.0032  0.0001 |
| 11.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.5540  -0.0455  0.0063  0.1144  -0.0000  0.0474  0.0143  -0.0006 | 0.0106  -0.0111  0.0062  0.0051  -0.0000  0.0468  0.0006  -0.0002 | -0.2457  0.1456  -0.0003  -0.0244  0.0000  -0.0022  -0.0030  0.0002 |
| 11.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.5508  -0.0490  0.0078  0.1157  -0.0000  0.0585  0.0145  -0.0006 | 0.0240  -0.0178  0.0056  0.0066  -0.0000  0.0418  0.0008  -0.0000 | -0.2207  0.1328  -0.0009  -0.0233  0.0000  -0.0067  -0.0029  0.0003 |
| 11.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5443  -0.0545  0.0090  0.1177  -0.0000  0.0677  0.0147  -0.0006 | 0.0400  -0.0267  0.0045  0.0087  0.0000  0.0338  0.0011  0.0003 | -0.1782  0.1121  -0.0013  -0.0227  0.0000  -0.0101  -0.0028  0.0004 |
| 11.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5340  -0.0623  0.0099  0.1204  -0.0000  0.0739  0.0150  -0.0004 | 0.0520  -0.0364  0.0036  0.0105  0.0000  0.0266  0.0013  0.0006 | -0.1238  0.0845  -0.0010  -0.0238  0.0000  -0.0073  -0.0030  0.0003 |
| 11.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5209  -0.0725  0.0105  0.1235  -0.0000  0.0786  0.0154  -0.0002 | 0.0565  -0.0479  0.0033  0.0107  0.0000  0.0250  0.0013  0.0007 | -0.0698  0.0540  -0.0001  -0.0260  0.0000  -0.0010  -0.0033  0.0000 |
| 11.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5072  -0.0849  0.0111  0.1266  0.0000  0.0830  0.0158  0.0001 | 0.0499  -0.0740  0.0050  0.0074  0.0000  0.0372  0.0009  0.0002 | -0.0058  0.0103  0.0017  -0.0330  -0.0000  0.0128  -0.0041  -0.0006 |
| 11.550 | 1.550 | 1  2  3  4  5  6  7  8 | -0.4953  -0.0783  -0.0097  0.1113  0.0000  -0.0726  0.0139  0.0001 | -0.0125  0.0040  0.0089  0.0059  -0.0001  0.0665  0.0007  -0.0010 | -0.0420  0.0734  0.0009  -0.0287  0.0000  0.0065  -0.0036  0.0001 |
| 11.550 | 1.800 | 1  2  3  4  5  6  7  8 | -0.4991  -0.0738  -0.0080  0.1117  -0.0000  -0.0603  0.0140  -0.0000 | -0.0126  0.0055  0.0089  0.0056  -0.0001  0.0666  0.0007  -0.0010 | -0.0575  0.0957  0.0011  -0.0278  0.0000  0.0081  -0.0035  0.0000 |
| 11.550 | 2.050 | 1  2  3  4  5  6  7  8 | -0.5028  -0.0697  -0.0065  0.1121  -0.0000  -0.0484  0.0140  -0.0001 | -0.0122  0.0066  0.0090  0.0055  -0.0001  0.0673  0.0007  -0.0010 | -0.0744  0.1187  0.0011  -0.0277  0.0000  0.0079  -0.0035  0.0000 |
| 11.550 | 2.300 | 1  2  3  4  5  6  7  8 | -0.5066  -0.0659  -0.0049  0.1126  -0.0000  -0.0366  0.0141  -0.0001 | -0.0113  0.0072  0.0089  0.0051  -0.0001  0.0669  0.0006  -0.0010 | -0.0930  0.1447  0.0010  -0.0275  -0.0000  0.0077  -0.0034  -0.0000 |
| 11.550 | 2.550 | 1  2  3  4  5  6  7  8 | -0.5093  -0.0628  -0.0033  0.1131  -0.0000  -0.0248  0.0141  -0.0002 | -0.0104  0.0071  0.0090  0.0049  -0.0001  0.0672  0.0006  -0.0010 | -0.1059  0.1668  0.0010  -0.0275  -0.0000  0.0072  -0.0034  -0.0000 |
| 11.550 | 2.800 | 1  2  3  4  5  6  7  8 | -0.5123  -0.0606  -0.0017  0.1136  -0.0000  -0.0129  0.0142  -0.0002 | -0.0094  0.0064  0.0088  0.0047  -0.0001  0.0662  0.0006  -0.0009 | -0.1199  0.1853  0.0009  -0.0274  -0.0000  0.0067  -0.0034  -0.0000 |
| 11.550 | 3.050 | 1  2  3  4  5  6  7  8 | -0.5140  -0.0600  -0.0001  0.1143  -0.0000  -0.0011  0.0143  -0.0003 | -0.0084  0.0057  0.0088  0.0046  -0.0001  0.0658  0.0006  -0.0009 | -0.1274  0.1927  0.0008  -0.0273  -0.0000  0.0061  -0.0034  -0.0000 |
| 11.550 | 3.300 | 1  2  3  4  5  6  7  8 | -0.5162  -0.0596  0.0015  0.1150  -0.0000  0.0109  0.0144  -0.0004 | -0.0070  0.0046  0.0086  0.0044  -0.0001  0.0642  0.0006  -0.0009 | -0.1360  0.2003  0.0007  -0.0271  -0.0000  0.0054  -0.0034  -0.0000 |
| 11.550 | 3.550 | 1  2  3  4  5  6  7  8 | -0.5168  -0.0602  0.0031  0.1157  -0.0000  0.0230  0.0145  -0.0004 | -0.0056  0.0036  0.0084  0.0045  -0.0001  0.0627  0.0006  -0.0008 | -0.1357  0.1999  0.0006  -0.0269  -0.0000  0.0045  -0.0034  -0.0000 |
| 11.550 | 3.800 | 1  2  3  4  5  6  7  8 | -0.5180  -0.0611  0.0047  0.1165  -0.0000  0.0353  0.0146  -0.0005 | -0.0040  0.0019  0.0080  0.0047  -0.0000  0.0599  0.0006  -0.0007 | -0.1374  0.1980  0.0004  -0.0267  0.0000  0.0034  -0.0033  0.0000 |
| 11.550 | 4.050 | 1  2  3  4  5  6  7  8 | -0.5178  -0.0628  0.0063  0.1174  -0.0000  0.0476  0.0147  -0.0006 | -0.0019  -0.0001  0.0076  0.0051  -0.0000  0.0567  0.0006  -0.0006 | -0.1306  0.1885  0.0003  -0.0264  0.0000  0.0021  -0.0033  0.0000 |
| 11.550 | 4.300 | 1  2  3  4  5  6  7  8 | -0.5188  -0.0647  0.0080  0.1184  -0.0000  0.0599  0.0148  -0.0007 | 0.0013  -0.0033  0.0069  0.0057  -0.0000  0.0517  0.0007  -0.0004 | -0.1263  0.1738  0.0000  -0.0260  0.0000  0.0001  -0.0032  0.0001 |
| 11.550 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5191  -0.0678  0.0094  0.1201  -0.0000  0.0705  0.0150  -0.0007 | 0.0061  -0.0086  0.0063  0.0062  -0.0000  0.0474  0.0008  -0.0002 | -0.1126  0.1442  -0.0002  -0.0257  0.0000  -0.0018  -0.0032  0.0001 |
| 11.550 | 4.800 | 1  2  3  4  5  6  7  8 | -0.5172  -0.0729  0.0101  0.1231  -0.0000  0.0757  0.0154  -0.0005 | 0.0102  -0.0151  0.0057  0.0070  -0.0000  0.0427  0.0009  -0.0000 | -0.0836  0.0984  0.0000  -0.0266  0.0000  0.0000  -0.0033  0.0000 |
| 11.550 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5119  -0.0796  0.0105  0.1265  -0.0000  0.0790  0.0158  -0.0002 | 0.0149  -0.0236  0.0052  0.0077  0.0000  0.0391  0.0010  0.0001 | -0.0462  0.0524  0.0006  -0.0283  -0.0000  0.0044  -0.0035  -0.0002 |
| 11.550 | 5.300 | 1  2  3  4  5  6  7  8 | -0.5047  -0.0885  0.0110  0.1300  0.0000  0.0824  0.0162  0.0001 | 0.0347  -0.0541  0.0049  0.0077  0.0000  0.0366  0.0010  0.0002 | -0.0052  0.0097  0.0017  -0.0327  -0.0000  0.0125  -0.0041  -0.0006 |

* 1. Esfuerzos en nudos de losas y reticulares

Cortantes en Tm. Momentos en Tm.x m.

Coord. X y Coord. Y son coordenadas generales. Los esfuerzos están referidos a los ejes locales de la malla correspondiente.

| Coord. X | Coord. Y | Nº Hipótesis | Cort. X | Cort. Y | Mom. X | Mom. Y | Mom. XY |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1.755 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0103  0.0009  0.0025  -0.0197  0.0001  0.0187  -0.0025  0.0010 | -0.0731  -1.5291  -0.0295  -0.0374  -0.0002  -0.2214  -0.0047  -0.0038 | -0.0013  -0.0000  0.0003  -0.0025  0.0000  0.0024  -0.0003  0.0001 | 0.2449  -1.6805  -0.0238  0.0256  -0.0003  -0.1786  0.0032  -0.0043 | 0.0012  -0.0019  0.0000  -0.0000  0.0000  0.0001  -0.0000  0.0000 |
| 1.755 | 0.550 | 1  2  3  4  5  6  7  8 | 0.5252  -0.8829  -0.0049  -0.0918  0.0001  -0.0370  -0.0115  0.0020 | 0.2321  -1.8396  -0.0451  0.0323  -0.0005  -0.3379  0.0040  -0.0084 | 0.0057  0.0024  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | 0.3170  -1.1168  -0.0128  0.0386  -0.0002  -0.0961  0.0048  -0.0029 | 0.0807  -0.0588  -0.0007  -0.0013  -0.0000  -0.0051  -0.0002  -0.0001 |
| 1.755 | 0.800 | 1  2  3  4  5  6  7  8 | 0.6874  -0.2450  -0.0085  -0.0049  -0.0001  -0.0638  -0.0006  -0.0016 | 0.8026  -2.1620  -0.0636  0.1088  -0.0009  -0.4767  0.0136  -0.0138 | 0.0057  0.0025  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | 0.2710  -0.5846  0.0022  0.0115  0.0000  0.0166  0.0014  0.0004 | 0.0605  -0.0891  -0.0009  0.0020  -0.0000  -0.0068  0.0002  -0.0002 |
| 1.755 | 1.050 | 1  2  3  4  5  6  7  8 | 0.8645  0.0039  -0.0267  -0.0347  -0.0004  -0.1998  -0.0043  -0.0070 | 1.1939  -2.0007  -0.0603  0.1049  -0.0008  -0.4517  0.0131  -0.0132 | 0.0057  0.0025  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | 0.0760  -0.0395  0.0183  -0.0185  0.0002  0.1369  -0.0023  0.0039 | -0.0223  -0.0152  0.0031  -0.0018  0.0000  0.0229  -0.0002  0.0007 |
| 1.755 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0223  -0.0243  -0.0046  -0.0036  -0.0001  -0.0344  -0.0005  -0.0012 | 1.3197  -1.8274  -0.0540  0.0942  -0.0007  -0.4046  0.0118  -0.0119 | 0.0018  -0.0029  -0.0006  -0.0005  -0.0000  -0.0043  -0.0001  -0.0002 | -0.3907  0.6430  0.0380  -0.0543  0.0005  0.2845  -0.0068  0.0082 | -0.0006  -0.0000  -0.0000  -0.0001  -0.0000  -0.0002  -0.0000  -0.0000 |
| 1.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0113  -0.0016  0.0026  -0.0207  0.0001  0.0192  -0.0026  0.0010 | -0.0731  -1.5291  -0.0295  -0.0374  -0.0002  -0.2214  -0.0047  -0.0038 | -0.0002  -0.0004  0.0000  -0.0001  0.0000  0.0002  -0.0000  0.0000 | 0.2449  -1.6805  -0.0238  0.0256  -0.0003  -0.1786  0.0032  -0.0043 | 0.0439  0.0069  -0.0030  0.0245  -0.0001  -0.0224  0.0031  -0.0013 |
| 1.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4279  -0.4825  0.0106  -0.1615  0.0004  0.0796  -0.0202  0.0066 | 0.2321  -1.8396  -0.0451  0.0323  -0.0005  -0.3379  0.0040  -0.0084 | -0.1253  0.1581  0.0039  -0.0075  0.0001  0.0296  -0.0009  0.0008 | 0.3170  -1.1168  -0.0128  0.0386  -0.0002  -0.0961  0.0048  -0.0029 | 0.1260  -0.0526  -0.0035  0.0207  -0.0001  -0.0262  0.0026  -0.0013 |
| 1.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.6298  -0.1432  -0.0055  -0.0117  -0.0001  -0.0415  -0.0015  -0.0008 | 0.8026  -2.1620  -0.0636  0.1088  -0.0009  -0.4767  0.0136  -0.0138 | -0.1994  0.0749  0.0029  -0.0057  0.0000  0.0216  -0.0007  0.0006 | 0.2710  -0.5846  0.0022  0.0115  0.0000  0.0166  0.0014  0.0004 | 0.0958  -0.0848  -0.0018  0.0041  -0.0000  -0.0138  0.0005  -0.0005 |
| 1.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.9465  -0.0794  -0.0329  -0.0240  -0.0005  -0.2470  -0.0030  -0.0084 | 1.1939  -2.0007  -0.0603  0.1049  -0.0008  -0.4517  0.0131  -0.0132 | -0.2646  0.0330  0.0032  -0.0021  0.0000  0.0239  -0.0003  0.0008 | 0.0760  -0.0395  0.0183  -0.0185  0.0002  0.1369  -0.0023  0.0039 | -0.0011  -0.0295  -0.0014  -0.0065  -0.0000  -0.0102  -0.0008  -0.0005 |
| 1.925 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0184  -0.0178  -0.0039  -0.0037  -0.0001  -0.0291  -0.0005  -0.0010 | 1.3197  -1.8274  -0.0540  0.0942  -0.0007  -0.4046  0.0118  -0.0119 | -0.0015  0.0009  0.0001  -0.0001  0.0000  0.0005  -0.0000  0.0000 | -0.3907  0.6430  0.0380  -0.0543  0.0005  0.2845  -0.0068  0.0082 | -0.0226  -0.0032  -0.0029  -0.0072  -0.0001  -0.0216  -0.0009  -0.0009 |
| 2.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0140  -0.0040  0.0025  -0.0220  0.0001  0.0191  -0.0027  0.0011 | -0.0006  -2.0038  -0.0413  0.0357  -0.0005  -0.3094  0.0045  -0.0072 | -0.0003  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | 0.2410  -1.8182  -0.0250  0.0399  -0.0003  -0.1871  0.0050  -0.0046 | 0.0732  -0.0126  -0.0035  0.0272  -0.0001  -0.0266  0.0034  -0.0014 |
| 2.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.3229  -0.0203  0.0290  -0.2525  0.0008  0.2177  -0.0315  0.0124 | 0.2330  -1.9679  -0.0442  0.0570  -0.0005  -0.3310  0.0071  -0.0083 | -0.2007  0.0931  0.0035  -0.0129  0.0001  0.0261  -0.0016  0.0008 | 0.3107  -1.0816  -0.0102  0.0282  -0.0001  -0.0766  0.0035  -0.0020 | 0.2326  -0.0765  -0.0044  0.0234  -0.0001  -0.0333  0.0029  -0.0015 |
| 2.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.3985  0.0961  0.0052  -0.0308  0.0001  0.0392  -0.0038  0.0019 | 0.8663  -1.9717  -0.0548  0.0906  -0.0007  -0.4112  0.0113  -0.0113 | -0.4141  0.1068  0.0050  -0.0153  0.0001  0.0378  -0.0019  0.0011 | 0.3728  -0.6240  -0.0001  0.0117  -0.0000  -0.0011  0.0015  -0.0000 | 0.2288  -0.0833  -0.0026  0.0050  -0.0000  -0.0195  0.0006  -0.0007 |
| 2.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1910  0.1989  -0.0109  -0.0292  -0.0002  -0.0816  -0.0037  -0.0033 | 2.3296  -2.2755  -0.0910  0.1188  -0.0012  -0.6823  0.0148  -0.0196 | -0.7843  0.1525  0.0088  -0.0215  0.0001  0.0660  -0.0027  0.0018 | 0.3649  -0.1641  0.0129  -0.0082  0.0002  0.0966  -0.0010  0.0027 | 0.0976  -0.0361  -0.0016  -0.0049  -0.0000  -0.0117  -0.0006  -0.0005 |
| 2.175 | 1.300 | 1  2  3  4  5  6  7  8 | -1.9315  1.0889  0.0287  -0.1304  0.0003  0.2150  -0.0163  0.0043 | 3.3930  -2.5394  -0.1194  0.1347  -0.0016  -0.8948  0.0168  -0.0261 | -1.1142  0.2893  0.0057  -0.0518  0.0000  0.0430  -0.0065  0.0005 | -0.7080  0.7558  0.0560  -0.0544  0.0008  0.4195  -0.0068  0.0122 | 0.0061  0.0619  0.0052  -0.0096  0.0001  0.0393  -0.0012  0.0010 |
| 2.250 | 1.550 | 1  2  3  4  5  6  7  8 | -4.2281  1.1504  -0.0239  -0.2021  -0.0005  -0.1790  -0.0253  -0.0086 | 0.6557  0.1983  -0.0276  -0.1017  -0.0005  -0.2066  -0.0127  -0.0083 | -2.6238  0.3128  -0.0015  -0.0861  -0.0001  -0.0114  -0.0108  -0.0015 | -0.1195  0.2204  0.0038  -0.0334  0.0000  0.0282  -0.0042  0.0004 | 0.3142  0.0702  0.0186  0.0154  0.0003  0.1397  0.0019  0.0045 |
| 2.250 | 1.800 | 1  2  3  4  5  6  7  8 | -3.9444  0.0661  -0.0063  -0.0733  -0.0001  -0.0476  -0.0092  -0.0022 | -0.0017  0.6760  -0.0493  -0.1734  -0.0009  -0.3696  -0.0217  -0.0142 | -2.7241  -0.0855  0.0018  -0.0556  -0.0000  0.0136  -0.0069  -0.0002 | -0.0395  0.1494  0.0016  -0.0184  0.0000  0.0119  -0.0023  0.0002 | 0.3381  -0.0202  0.0204  0.0340  0.0003  0.1529  0.0042  0.0051 |
| 2.250 | 2.050 | 1  2  3  4  5  6  7  8 | -3.3031  -0.5529  -0.0001  -0.0139  -0.0000  -0.0008  -0.0017  -0.0000 | -0.1564  0.7820  -0.0554  -0.1807  -0.0010  -0.4153  -0.0226  -0.0155 | -2.6214  -0.4161  0.0023  -0.0363  0.0000  0.0176  -0.0045  0.0002 | 0.0672  0.0938  0.0009  -0.0088  0.0000  0.0071  -0.0011  0.0001 | 0.3138  -0.0869  0.0198  0.0417  0.0003  0.1482  0.0052  0.0050 |
| 2.250 | 2.300 | 1  2  3  4  5  6  7  8 | -3.5648  -1.0031  -0.0002  -0.0065  0.0000  -0.0017  -0.0008  0.0000 | -0.1326  0.7571  -0.0573  -0.1747  -0.0010  -0.4296  -0.0218  -0.0157 | -2.7312  -0.7066  0.0018  -0.0301  0.0000  0.0133  -0.0038  0.0001 | 0.0986  0.0517  0.0006  -0.0051  0.0000  0.0044  -0.0006  0.0001 | 0.2548  -0.1296  0.0201  0.0475  0.0003  0.1506  0.0059  0.0051 |
| 2.250 | 2.550 | 1  2  3  4  5  6  7  8 | -3.4834  -1.3098  0.0028  0.0029  0.0001  0.0211  0.0004  0.0009 | -0.1636  0.6536  -0.0575  -0.1697  -0.0010  -0.4310  -0.0212  -0.0156 | -2.7193  -0.9386  0.0018  -0.0256  0.0000  0.0132  -0.0032  0.0002 | 0.1259  0.0214  0.0006  -0.0031  0.0000  0.0044  -0.0004  0.0001 | 0.1758  -0.1499  0.0194  0.0490  0.0003  0.1457  0.0061  0.0050 |
| 2.250 | 2.800 | 1  2  3  4  5  6  7  8 | -3.7329  -1.3966  0.0049  0.0108  0.0001  0.0370  0.0014  0.0015 | -0.2540  0.5407  -0.0551  -0.1602  -0.0009  -0.4127  -0.0200  -0.0147 | -2.7622  -1.0630  0.0015  -0.0231  0.0000  0.0115  -0.0029  0.0002 | 0.1219  0.0055  0.0006  -0.0021  0.0000  0.0043  -0.0003  0.0001 | 0.0937  -0.1602  0.0191  0.0505  0.0003  0.1430  0.0063  0.0049 |
| 2.250 | 3.050 | 1  2  3  4  5  6  7  8 | -3.3685  -1.5050  0.0063  0.0187  0.0001  0.0473  0.0023  0.0020 | -0.3223  0.4317  -0.0508  -0.1446  -0.0008  -0.3810  -0.0181  -0.0134 | -2.5943  -1.1664  0.0011  -0.0216  0.0000  0.0083  -0.0027  0.0001 | 0.1409  -0.0115  0.0005  -0.0019  0.0000  0.0040  -0.0002  0.0001 | 0.0061  -0.1564  0.0176  0.0481  0.0003  0.1318  0.0060  0.0045 |
| 2.250 | 3.300 | 1  2  3  4  5  6  7  8 | -3.6425  -1.5131  0.0101  0.0298  0.0002  0.0754  0.0037  0.0031 | -0.4307  0.3011  -0.0438  -0.1186  -0.0007  -0.3280  -0.0148  -0.0113 | -2.5685  -1.1935  0.0009  -0.0218  0.0000  0.0070  -0.0027  0.0001 | 0.1142  -0.0244  0.0005  -0.0026  0.0000  0.0035  -0.0003  0.0001 | -0.0772  -0.1471  0.0166  0.0469  0.0003  0.1246  0.0059  0.0042 |
| 2.250 | 3.550 | 1  2  3  4  5  6  7  8 | -3.0458  -1.4035  0.0106  0.0348  0.0002  0.0797  0.0043  0.0033 | -0.5396  0.1889  -0.0335  -0.0786  -0.0005  -0.2508  -0.0098  -0.0082 | -2.2506  -1.1577  -0.0001  -0.0243  -0.0000  -0.0006  -0.0030  -0.0002 | 0.1269  -0.0320  -0.0001  -0.0059  -0.0000  -0.0011  -0.0007  -0.0002 | -0.1568  -0.1250  0.0143  0.0417  0.0002  0.1075  0.0052  0.0036 |
| 2.250 | 3.800 | 1  2  3  4  5  6  7  8 | -3.1933  -1.3367  0.0100  0.0190  0.0002  0.0749  0.0024  0.0028 | -0.6682  0.0789  -0.0201  -0.0267  -0.0003  -0.1508  -0.0033  -0.0042 | -2.1027  -1.0949  -0.0019  -0.0349  -0.0001  -0.0144  -0.0044  -0.0009 | 0.0906  -0.0449  -0.0015  -0.0144  -0.0000  -0.0116  -0.0018  -0.0007 | -0.2265  -0.1012  0.0130  0.0398  0.0002  0.0976  0.0050  0.0033 |
| 2.250 | 4.050 | 1  2  3  4  5  6  7  8 | -2.4362  -1.0931  -0.0037  -0.0601  -0.0001  -0.0277  -0.0075  -0.0020 | -0.8432  -0.0191  -0.0074  0.0136  -0.0000  -0.0553  0.0017  -0.0007 | -1.6529  -0.9570  -0.0064  -0.0578  -0.0002  -0.0483  -0.0072  -0.0024 | 0.1021  -0.0498  -0.0050  -0.0328  -0.0001  -0.0373  -0.0041  -0.0018 | -0.2882  -0.0642  0.0113  0.0386  0.0002  0.0844  0.0048  0.0029 |
| 2.250 | 4.300 | 1  2  3  4  5  6  7  8 | -1.9337  -0.7822  -0.0496  -0.3039  -0.0011  -0.3715  -0.0380  -0.0173 | -0.8860  -0.0465  -0.0146  -0.0553  -0.0002  -0.1091  -0.0069  -0.0039 | -1.2490  -0.7785  -0.0163  -0.1083  -0.0004  -0.1220  -0.0135  -0.0057 | 0.0968  -0.0568  -0.0107  -0.0623  -0.0002  -0.0801  -0.0078  -0.0037 | -0.3434  -0.0285  0.0116  0.0473  0.0002  0.0866  0.0059  0.0033 |
| 2.250 | 4.550 | 1  2  3  4  5  6  7  8 | -1.0545  -0.2138  -0.0973  -0.5414  -0.0021  -0.7291  -0.0676  -0.0328 | -0.7967  0.0703  -0.0600  -0.3194  -0.0012  -0.4500  -0.0399  -0.0197 | -0.7781  -0.4763  -0.0246  -0.1480  -0.0005  -0.1841  -0.0185  -0.0084 | 0.0997  -0.0645  -0.0140  -0.0767  -0.0003  -0.1046  -0.0096  -0.0048 | -0.3821  -0.0015  0.0151  0.0723  0.0003  0.1131  0.0090  0.0046 |
| 2.250 | 4.800 | 1  2  3  4  5  6  7  8 | -0.3929  0.2334  -0.0463  -0.2723  -0.0010  -0.3470  -0.0340  -0.0159 | -0.4775  0.3072  -0.1018  -0.5474  -0.0021  -0.7631  -0.0684  -0.0338 | -0.4479  -0.1393  -0.0151  -0.0984  -0.0003  -0.1131  -0.0123  -0.0054 | 0.0635  -0.1083  -0.0056  -0.0293  -0.0001  -0.0422  -0.0037  -0.0019 | -0.4091  0.0339  0.0160  0.0800  0.0003  0.1199  0.0100  0.0051 |
| 2.250 | 5.050 | 1  2  3  4  5  6  7  8 | -0.1301  0.5271  -0.0017  -0.1145  -0.0002  -0.0128  -0.0143  -0.0037 | -0.1812  0.5463  -0.0928  -0.4907  -0.0019  -0.6957  -0.0613  -0.0304 | -0.2788  0.1179  -0.0060  -0.0625  -0.0002  -0.0451  -0.0078  -0.0028 | -0.0333  -0.1913  0.0058  0.0332  0.0001  0.0432  0.0042  0.0019 | -0.3845  0.0919  0.0135  0.0676  0.0003  0.1014  0.0084  0.0043 |
| 2.250 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0122  0.0194  -0.0008  -0.0097  -0.0000  -0.0062  -0.0012  -0.0005 | -0.0857  0.6605  -0.0752  -0.3894  -0.0015  -0.5639  -0.0486  -0.0241 | -0.0012  0.0027  -0.0001  -0.0010  -0.0000  -0.0006  -0.0001  -0.0000 | -0.0739  -0.4209  0.0262  0.1384  0.0005  0.1964  0.0173  0.0084 | -0.0028  0.0037  -0.0000  -0.0001  -0.0000  -0.0001  -0.0000  -0.0000 |
| 2.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0172  -0.0029  0.0025  -0.0226  0.0001  0.0185  -0.0028  0.0011 | -0.0608  -2.0455  -0.0361  0.0564  -0.0004  -0.2709  0.0070  -0.0065 | -0.0002  0.0001  0.0000  -0.0000  0.0000  0.0001  -0.0000  0.0000 | 0.1290  -1.8518  -0.0217  0.0420  -0.0002  -0.1625  0.0052  -0.0039 | 0.1130  -0.0252  -0.0038  0.0291  -0.0001  -0.0287  0.0036  -0.0015 |
| 2.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.2944  0.0627  0.0326  -0.2837  0.0009  0.2445  -0.0354  0.0137 | 0.1861  -1.9690  -0.0368  0.0663  -0.0004  -0.2761  0.0083  -0.0068 | -0.2212  0.0423  0.0021  -0.0116  0.0000  0.0155  -0.0015  0.0005 | 0.2280  -1.0920  -0.0086  0.0230  -0.0001  -0.0644  0.0029  -0.0016 | 0.3844  -0.1018  -0.0055  0.0278  -0.0001  -0.0413  0.0035  -0.0017 |
| 2.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.0074  0.3020  0.0157  -0.0558  0.0003  0.1175  -0.0070  0.0043 | 0.8761  -1.8633  -0.0402  0.0888  -0.0005  -0.3010  0.0111  -0.0077 | -0.4660  0.0594  0.0031  -0.0171  0.0000  0.0232  -0.0021  0.0007 | 0.3007  -0.6293  -0.0001  0.0080  0.0000  -0.0005  0.0010  0.0001 | 0.4711  -0.1036  -0.0039  0.0099  -0.0001  -0.0289  0.0012  -0.0009 |
| 2.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.8934  0.6204  0.0222  -0.0533  0.0003  0.1662  -0.0067  0.0043 | 1.7921  -1.7961  -0.0475  0.1096  -0.0006  -0.3559  0.0137  -0.0093 | -0.7973  0.0678  0.0039  -0.0235  0.0000  0.0294  -0.0029  0.0007 | 0.1839  -0.1684  0.0099  -0.0144  0.0001  0.0741  -0.0018  0.0020 | 0.5406  -0.0861  -0.0026  0.0076  -0.0000  -0.0196  0.0009  -0.0006 |
| 2.425 | 1.300 | 1  2  3  4  5  6  7  8 | -3.0652  1.5003  0.0399  -0.1773  0.0004  0.2989  -0.0221  0.0060 | 1.6786  -0.9717  -0.0315  0.0380  -0.0004  -0.2364  0.0047  -0.0070 | -1.0288  -0.0584  -0.0040  -0.0252  -0.0001  -0.0303  -0.0032  -0.0012 | -0.1078  0.2181  0.0149  -0.0391  0.0002  0.1114  -0.0049  0.0028 | 0.4667  0.0451  0.0068  0.0002  0.0001  0.0513  0.0000  0.0015 |
| 2.425 | 1.550 | 1  2  3  4  5  6  7  8 | -3.5826  0.8573  -0.0072  -0.1422  -0.0002  -0.0540  -0.0178  -0.0039 | 0.6557  0.1983  -0.0276  -0.1017  -0.0005  -0.2066  -0.0127  -0.0083 | -1.3842  -0.0265  0.0044  -0.0284  0.0000  0.0327  -0.0036  0.0007 | -0.1195  0.2204  0.0038  -0.0334  0.0000  0.0282  -0.0042  0.0004 | 0.4118  0.0791  0.0086  0.0006  0.0001  0.0642  0.0001  0.0019 |
| 2.425 | 1.800 | 1  2  3  4  5  6  7  8 | -3.5147  0.0623  -0.0013  -0.0615  -0.0001  -0.0096  -0.0077  -0.0010 | -0.0017  0.6760  -0.0493  -0.1734  -0.0009  -0.3696  -0.0217  -0.0142 | -1.5693  -0.1216  0.0032  -0.0325  0.0000  0.0241  -0.0041  0.0004 | -0.0395  0.1494  0.0016  -0.0184  0.0000  0.0119  -0.0023  0.0002 | 0.3677  0.0510  0.0080  0.0046  0.0001  0.0603  0.0006  0.0018 |
| 2.425 | 2.050 | 1  2  3  4  5  6  7  8 | -3.1601  -0.4744  0.0009  -0.0184  0.0000  0.0069  -0.0023  0.0001 | -0.1564  0.7820  -0.0554  -0.1807  -0.0010  -0.4153  -0.0226  -0.0155 | -1.6604  -0.2692  0.0022  -0.0304  0.0000  0.0165  -0.0038  0.0002 | 0.0672  0.0938  0.0009  -0.0088  0.0000  0.0071  -0.0011  0.0001 | 0.3125  0.0088  0.0074  0.0086  0.0001  0.0556  0.0011  0.0017 |
| 2.425 | 2.300 | 1  2  3  4  5  6  7  8 | -3.3136  -0.8758  0.0006  -0.0081  0.0000  0.0048  -0.0010  0.0001 | -0.1326  0.7571  -0.0573  -0.1747  -0.0010  -0.4296  -0.0218  -0.0157 | -1.7036  -0.4220  0.0017  -0.0272  0.0000  0.0125  -0.0034  0.0001 | 0.0986  0.0517  0.0006  -0.0051  0.0000  0.0044  -0.0006  0.0001 | 0.2405  -0.0291  0.0073  0.0122  0.0001  0.0544  0.0015  0.0017 |
| 2.425 | 2.550 | 1  2  3  4  5  6  7  8 | -3.2856  -1.1528  0.0021  -0.0004  0.0000  0.0160  -0.0001  0.0006 | -0.1636  0.6536  -0.0575  -0.1697  -0.0010  -0.4310  -0.0212  -0.0156 | -1.7189  -0.5569  0.0009  -0.0256  -0.0000  0.0065  -0.0032  -0.0001 | 0.1259  0.0214  0.0006  -0.0031  0.0000  0.0044  -0.0004  0.0001 | 0.1524  -0.0571  0.0069  0.0140  0.0001  0.0519  0.0018  0.0016 |
| 2.425 | 2.800 | 1  2  3  4  5  6  7  8 | -3.4224  -1.2599  0.0032  0.0047  0.0001  0.0239  0.0006  0.0010 | -0.2540  0.5407  -0.0551  -0.1602  -0.0009  -0.4127  -0.0200  -0.0147 | -1.6937  -0.6522  0.0001  -0.0254  -0.0000  0.0006  -0.0032  -0.0002 | 0.1219  0.0055  0.0006  -0.0021  0.0000  0.0043  -0.0003  0.0001 | 0.0565  -0.0771  0.0068  0.0158  0.0001  0.0510  0.0020  0.0016 |
| 2.425 | 3.050 | 1  2  3  4  5  6  7  8 | -3.1928  -1.3520  0.0038  0.0092  0.0001  0.0287  0.0011  0.0012 | -0.3223  0.4317  -0.0508  -0.1446  -0.0008  -0.3810  -0.0181  -0.0134 | -1.6315  -0.7182  -0.0007  -0.0262  -0.0000  -0.0053  -0.0033  -0.0004 | 0.1409  -0.0115  0.0005  -0.0019  0.0000  0.0040  -0.0002  0.0001 | -0.0432  -0.0876  0.0064  0.0166  0.0001  0.0483  0.0021  0.0015 |
| 2.425 | 3.300 | 1  2  3  4  5  6  7  8 | -3.2919  -1.3547  0.0055  0.0133  0.0001  0.0410  0.0017  0.0017 | -0.4307  0.3011  -0.0438  -0.1186  -0.0007  -0.3280  -0.0148  -0.0113 | -1.5274  -0.7409  -0.0018  -0.0290  -0.0000  -0.0136  -0.0036  -0.0007 | 0.1142  -0.0244  0.0005  -0.0026  0.0000  0.0035  -0.0003  0.0001 | -0.1421  -0.0919  0.0064  0.0182  0.0001  0.0479  0.0023  0.0015 |
| 2.425 | 3.550 | 1  2  3  4  5  6  7  8 | -2.8696  -1.2690  0.0049  0.0112  0.0001  0.0368  0.0014  0.0015 | -0.5396  0.1889  -0.0335  -0.0786  -0.0005  -0.2508  -0.0098  -0.0082 | -1.3811  -0.7326  -0.0029  -0.0324  -0.0001  -0.0219  -0.0041  -0.0011 | 0.1269  -0.0320  -0.0001  -0.0059  -0.0000  -0.0011  -0.0007  -0.0002 | -0.2373  -0.0869  0.0062  0.0195  0.0001  0.0462  0.0024  0.0015 |
| 2.425 | 3.800 | 1  2  3  4  5  6  7  8 | -2.8228  -1.1806  0.0024  -0.0094  0.0000  0.0178  -0.0012  0.0006 | -0.6682  0.0789  -0.0201  -0.0267  -0.0003  -0.1508  -0.0033  -0.0042 | -1.1911  -0.6871  -0.0043  -0.0374  -0.0001  -0.0323  -0.0047  -0.0015 | 0.0906  -0.0449  -0.0015  -0.0144  -0.0000  -0.0116  -0.0018  -0.0007 | -0.3257  -0.0754  0.0064  0.0227  0.0001  0.0481  0.0028  0.0016 |
| 2.425 | 4.050 | 1  2  3  4  5  6  7  8 | -2.2138  -0.9704  -0.0088  -0.0720  -0.0002  -0.0661  -0.0090  -0.0033 | -0.8432  -0.0191  -0.0074  0.0136  -0.0000  -0.0553  0.0017  -0.0007 | -0.9605  -0.6148  -0.0049  -0.0378  -0.0001  -0.0366  -0.0047  -0.0017 | 0.1021  -0.0498  -0.0050  -0.0328  -0.0001  -0.0373  -0.0041  -0.0018 | -0.4066  -0.0527  0.0065  0.0255  0.0001  0.0489  0.0032  0.0017 |
| 2.425 | 4.300 | 1  2  3  4  5  6  7  8 | -1.6954  -0.6967  -0.0373  -0.2230  -0.0008  -0.2793  -0.0279  -0.0127 | -0.8860  -0.0465  -0.0146  -0.0553  -0.0002  -0.1091  -0.0069  -0.0039 | -0.7044  -0.5174  -0.0026  -0.0241  -0.0001  -0.0195  -0.0030  -0.0009 | 0.0968  -0.0568  -0.0107  -0.0623  -0.0002  -0.0801  -0.0078  -0.0037 | -0.4749  -0.0171  0.0060  0.0241  0.0001  0.0449  0.0030  0.0016 |
| 2.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.9640  -0.2353  -0.0641  -0.3582  -0.0014  -0.4804  -0.0447  -0.0215 | -0.7967  0.0703  -0.0600  -0.3194  -0.0012  -0.4500  -0.0399  -0.0197 | -0.4784  -0.3753  0.0010  -0.0050  0.0000  0.0078  -0.0006  0.0002 | 0.0997  -0.0645  -0.0140  -0.0767  -0.0003  -0.1046  -0.0096  -0.0048 | -0.5196  0.0318  0.0038  0.0140  0.0001  0.0287  0.0017  0.0010 |
| 2.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.3846  0.1988  -0.0377  -0.2276  -0.0008  -0.2827  -0.0284  -0.0131 | -0.4775  0.3072  -0.1018  -0.5474  -0.0021  -0.7631  -0.0684  -0.0338 | -0.3129  -0.1810  -0.0027  -0.0261  -0.0001  -0.0202  -0.0033  -0.0011 | 0.0635  -0.1083  -0.0056  -0.0293  -0.0001  -0.0422  -0.0037  -0.0019 | -0.5232  0.0883  0.0008  -0.0020  -0.0000  0.0060  -0.0002  -0.0000 |
| 2.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.0166  0.5033  -0.0193  -0.2159  -0.0006  -0.1446  -0.0270  -0.0100 | -0.1812  0.5463  -0.0928  -0.4907  -0.0019  -0.6957  -0.0613  -0.0304 | -0.1824  -0.0211  -0.0063  -0.0441  -0.0001  -0.0471  -0.0055  -0.0023 | -0.0333  -0.1913  0.0058  0.0332  0.0001  0.0432  0.0042  0.0019 | -0.4634  0.1464  -0.0012  -0.0189  -0.0001  -0.0093  -0.0024  -0.0009 |
| 2.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0145  0.0194  -0.0013  -0.0140  -0.0000  -0.0095  -0.0017  -0.0007 | -0.0857  0.6605  -0.0752  -0.3894  -0.0015  -0.5639  -0.0486  -0.0241 | 0.0002  -0.0003  -0.0000  -0.0001  -0.0000  -0.0002  -0.0000  -0.0000 | -0.0739  -0.4209  0.0262  0.1384  0.0005  0.1964  0.0173  0.0084 | -0.1393  0.0695  -0.0030  -0.0269  -0.0001  -0.0226  -0.0034  -0.0014 |
| 2.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0203  -0.0008  0.0024  -0.0234  0.0001  0.0180  -0.0029  0.0011 | -0.3521  -1.9673  -0.0300  0.0555  -0.0003  -0.2249  0.0069  -0.0051 | -0.0003  0.0001  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -0.1218  -1.8481  -0.0184  0.0388  -0.0002  -0.1380  0.0048  -0.0031 | 0.1492  -0.0290  -0.0040  0.0318  -0.0001  -0.0298  0.0040  -0.0015 |
| 2.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.2855  0.0885  0.0320  -0.2995  0.0009  0.2401  -0.0374  0.0139 | -0.1382  -1.8742  -0.0287  0.0614  -0.0003  -0.2153  0.0077  -0.0050 | -0.1683  -0.0037  0.0003  -0.0082  0.0000  0.0024  -0.0010  0.0001 | 0.0636  -1.1067  -0.0072  0.0191  -0.0001  -0.0539  0.0024  -0.0012 | 0.5151  -0.1060  -0.0059  0.0324  -0.0001  -0.0444  0.0041  -0.0018 |
| 2.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.2355  0.3393  0.0162  -0.0704  0.0003  0.1217  -0.0088  0.0045 | 0.3272  -1.6523  -0.0254  0.0692  -0.0003  -0.1901  0.0086  -0.0045 | -0.3236  -0.0207  0.0000  -0.0110  0.0000  0.0002  -0.0014  0.0000 | 0.1589  -0.6471  -0.0002  0.0040  0.0000  -0.0013  0.0005  0.0001 | 0.6375  -0.0949  -0.0039  0.0128  -0.0001  -0.0293  0.0016  -0.0009 |
| 2.675 | 1.050 | 1  2  3  4  5  6  7  8 | -1.0387  0.5514  0.0209  -0.0535  0.0003  0.1563  -0.0067  0.0041 | 0.7031  -1.2970  -0.0173  0.0632  -0.0002  -0.1296  0.0079  -0.0029 | -0.4689  -0.0654  -0.0012  -0.0115  -0.0000  -0.0087  -0.0014  -0.0003 | 0.1291  -0.2372  0.0060  -0.0132  0.0001  0.0453  -0.0016  0.0013 | 0.7038  -0.0543  -0.0020  0.0089  -0.0000  -0.0152  0.0011  -0.0004 |
| 2.675 | 1.300 | 1  2  3  4  5  6  7  8 | -1.9090  0.5954  0.0151  -0.0725  0.0001  0.1134  -0.0091  0.0022 | 0.7096  -0.7567  -0.0072  0.0302  -0.0001  -0.0537  0.0038  -0.0012 | -0.5722  -0.1365  -0.0025  -0.0096  -0.0000  -0.0188  -0.0012  -0.0006 | 0.0417  0.0503  0.0074  -0.0262  0.0001  0.0558  -0.0033  0.0014 | 0.6665  0.0329  0.0020  0.0033  0.0000  0.0148  0.0004  0.0004 |
| 2.675 | 1.550 | 1  2  3  4  5  6  7  8 | -2.5151  0.4090  0.0097  -0.0636  0.0001  0.0726  -0.0079  0.0012 | 0.3957  -0.1900  -0.0033  -0.0135  -0.0001  -0.0244  -0.0017  -0.0010 | -0.7343  -0.1377  0.0008  -0.0134  0.0000  0.0062  -0.0017  0.0001 | 0.0206  0.1669  0.0049  -0.0267  0.0000  0.0364  -0.0033  0.0008 | 0.5704  0.1010  0.0038  -0.0021  0.0000  0.0287  -0.0003  0.0007 |
| 2.675 | 1.800 | 1  2  3  4  5  6  7  8 | -2.7361  0.0308  0.0050  -0.0430  0.0000  0.0375  -0.0054  0.0005 | 0.0769  0.1883  -0.0047  -0.0389  -0.0001  -0.0353  -0.0049  -0.0017 | -0.8807  -0.1532  0.0016  -0.0192  0.0000  0.0118  -0.0024  0.0002 | 0.0776  0.1735  0.0026  -0.0201  0.0000  0.0195  -0.0025  0.0004 | 0.4638  0.1192  0.0038  -0.0038  0.0000  0.0284  -0.0005  0.0007 |
| 2.675 | 2.050 | 1  2  3  4  5  6  7  8 | -2.7688  -0.3415  0.0028  -0.0237  0.0000  0.0206  -0.0030  0.0003 | -0.0682  0.3569  -0.0067  -0.0448  -0.0001  -0.0504  -0.0056  -0.0022 | -0.9858  -0.2028  0.0014  -0.0221  0.0000  0.0104  -0.0028  0.0001 | 0.1611  0.1418  0.0015  -0.0130  0.0000  0.0110  -0.0016  0.0002 | 0.3616  0.1017  0.0034  -0.0026  0.0000  0.0258  -0.0003  0.0006 |
| 2.675 | 2.300 | 1  2  3  4  5  6  7  8 | -2.8239  -0.6465  0.0019  -0.0124  0.0000  0.0139  -0.0016  0.0003 | -0.1032  0.3957  -0.0079  -0.0412  -0.0001  -0.0589  -0.0051  -0.0023 | -1.0349  -0.2702  0.0010  -0.0226  -0.0000  0.0075  -0.0028  -0.0000 | 0.2201  0.1033  0.0010  -0.0084  0.0000  0.0071  -0.0010  0.0002 | 0.2570  0.0677  0.0032  -0.0003  0.0000  0.0240  -0.0000  0.0005 |
| 2.675 | 2.550 | 1  2  3  4  5  6  7  8 | -2.8527  -0.8676  0.0014  -0.0070  0.0000  0.0103  -0.0009  0.0003 | -0.1249  0.3607  -0.0081  -0.0354  -0.0001  -0.0609  -0.0044  -0.0023 | -1.0504  -0.3390  0.0004  -0.0227  -0.0000  0.0032  -0.0028  -0.0001 | 0.2561  0.0687  0.0007  -0.0058  0.0000  0.0053  -0.0007  0.0001 | 0.1427  0.0286  0.0030  0.0019  0.0000  0.0228  0.0002  0.0005 |
| 2.675 | 2.800 | 1  2  3  4  5  6  7  8 | -2.8588  -0.9930  0.0010  -0.0049  0.0000  0.0075  -0.0006  0.0003 | -0.1613  0.2977  -0.0076  -0.0286  -0.0001  -0.0571  -0.0036  -0.0020 | -1.0303  -0.3973  -0.0002  -0.0230  -0.0000  -0.0015  -0.0029  -0.0003 | 0.2720  0.0417  0.0005  -0.0047  0.0000  0.0041  -0.0006  0.0001 | 0.0200  -0.0090  0.0030  0.0042  0.0000  0.0228  0.0005  0.0006 |
| 2.675 | 3.050 | 1  2  3  4  5  6  7  8 | -2.7796  -1.0619  0.0005  -0.0052  0.0000  0.0040  -0.0006  0.0002 | -0.1999  0.2258  -0.0064  -0.0203  -0.0001  -0.0478  -0.0025  -0.0016 | -0.9871  -0.4369  -0.0009  -0.0237  -0.0000  -0.0064  -0.0030  -0.0005 | 0.2785  0.0172  0.0003  -0.0050  -0.0000  0.0025  -0.0006  -0.0000 | -0.1060  -0.0415  0.0031  0.0065  0.0000  0.0234  0.0008  0.0006 |
| 2.675 | 3.300 | 1  2  3  4  5  6  7  8 | -2.6785  -1.0615  -0.0004  -0.0094  -0.0000  -0.0029  -0.0012  -0.0001 | -0.2481  0.1491  -0.0043  -0.0092  -0.0001  -0.0321  -0.0012  -0.0009 | -0.9074  -0.4549  -0.0016  -0.0248  -0.0000  -0.0117  -0.0031  -0.0007 | 0.2683  -0.0043  -0.0001  -0.0070  -0.0000  -0.0007  -0.0009  -0.0002 | -0.2320  -0.0682  0.0034  0.0093  0.0000  0.0254  0.0012  0.0007 |
| 2.675 | 3.550 | 1  2  3  4  5  6  7  8 | -2.4563  -1.0052  -0.0024  -0.0195  -0.0000  -0.0177  -0.0024  -0.0007 | -0.2960  0.0805  -0.0015  0.0041  0.0000  -0.0109  0.0005  0.0000 | -0.8096  -0.4519  -0.0021  -0.0252  -0.0000  -0.0156  -0.0032  -0.0008 | 0.2555  -0.0249  -0.0010  -0.0117  -0.0000  -0.0075  -0.0015  -0.0005 | -0.3534  -0.0865  0.0037  0.0124  0.0001  0.0281  0.0016  0.0009 |
| 2.675 | 3.800 | 1  2  3  4  5  6  7  8 | -2.1959  -0.8990  -0.0064  -0.0413  -0.0001  -0.0477  -0.0052  -0.0020 | -0.3378  0.0213  0.0012  0.0149  0.0001  0.0091  0.0019  0.0009 | -0.6794  -0.4261  -0.0022  -0.0234  -0.0000  -0.0162  -0.0029  -0.0008 | 0.2303  -0.0469  -0.0027  -0.0208  -0.0001  -0.0200  -0.0026  -0.0011 | -0.4659  -0.0955  0.0042  0.0154  0.0001  0.0312  0.0019  0.0010 |
| 2.675 | 4.050 | 1  2  3  4  5  6  7  8 | -1.7818  -0.7349  -0.0128  -0.0749  -0.0003  -0.0957  -0.0094  -0.0041 | -0.3519  -0.0216  0.0012  0.0093  0.0000  0.0086  0.0012  0.0007 | -0.5438  -0.3831  -0.0012  -0.0160  -0.0000  -0.0087  -0.0020  -0.0004 | 0.2084  -0.0703  -0.0052  -0.0339  -0.0001  -0.0390  -0.0042  -0.0019 | -0.5636  -0.0919  0.0041  0.0156  0.0001  0.0308  0.0019  0.0011 |
| 2.675 | 4.300 | 1  2  3  4  5  6  7  8 | -1.2949  -0.5147  -0.0195  -0.1105  -0.0004  -0.1464  -0.0138  -0.0063 | -0.2717  -0.0356  -0.0054  -0.0314  -0.0001  -0.0408  -0.0039  -0.0016 | -0.4027  -0.3230  0.0013  -0.0020  0.0000  0.0094  -0.0003  0.0004 | 0.1753  -0.0989  -0.0076  -0.0454  -0.0002  -0.0568  -0.0057  -0.0027 | -0.6336  -0.0719  0.0028  0.0089  0.0000  0.0210  0.0011  0.0006 |
| 2.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.7720  -0.2058  -0.0227  -0.1298  -0.0005  -0.1703  -0.0162  -0.0075 | -0.0836  0.0122  -0.0190  -0.1081  -0.0004  -0.1428  -0.0135  -0.0062 | -0.2791  -0.2470  0.0032  0.0084  0.0001  0.0239  0.0011  0.0009 | 0.1162  -0.1362  -0.0074  -0.0425  -0.0002  -0.0553  -0.0053  -0.0027 | -0.6640  -0.0313  -0.0001  -0.0062  -0.0000  -0.0006  -0.0008  -0.0003 |
| 2.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.2927  0.1535  -0.0230  -0.1499  -0.0005  -0.1723  -0.0187  -0.0083 | 0.1830  0.1673  -0.0334  -0.1862  -0.0007  -0.2501  -0.0233  -0.0110 | -0.1742  -0.1569  0.0016  0.0001  0.0000  0.0120  0.0000  0.0004 | 0.0081  -0.1980  -0.0028  -0.0160  -0.0001  -0.0210  -0.0020  -0.0011 | -0.6421  0.0316  -0.0032  -0.0234  -0.0001  -0.0237  -0.0029  -0.0013 |
| 2.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.2015  0.4204  -0.0324  -0.3021  -0.0010  -0.2431  -0.0377  -0.0151 | 0.4466  0.4326  -0.0440  -0.2343  -0.0009  -0.3295  -0.0293  -0.0141 | -0.0840  -0.0771  -0.0002  -0.0087  -0.0000  -0.0016  -0.0011  -0.0003 | -0.1526  -0.3053  0.0050  0.0278  0.0001  0.0376  0.0035  0.0015 | -0.5575  0.1159  -0.0057  -0.0450  -0.0002  -0.0426  -0.0056  -0.0024 |
| 2.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0183  0.0180  -0.0017  -0.0191  -0.0001  -0.0127  -0.0024  -0.0009 | 0.5679  0.5894  -0.0484  -0.2494  -0.0010  -0.3628  -0.0312  -0.0152 | -0.0002  -0.0001  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -0.4000  -0.5421  0.0221  0.1157  0.0004  0.1658  0.0144  0.0069 | -0.1638  0.0568  -0.0036  -0.0328  -0.0001  -0.0268  -0.0041  -0.0017 |
| 2.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0216  -0.0016  0.0023  -0.0243  0.0001  0.0174  -0.0030  0.0011 | -0.7942  -1.9703  -0.0213  0.0471  -0.0002  -0.1600  0.0059  -0.0035 | 0.0000  -0.0003  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -0.4635  -1.8838  -0.0146  0.0326  -0.0001  -0.1095  0.0041  -0.0023 | 0.1717  -0.0263  -0.0038  0.0327  -0.0001  -0.0282  0.0041  -0.0015 |
| 2.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.3520  0.0437  0.0295  -0.3086  0.0009  0.2208  -0.0386  0.0137 | -0.6226  -1.8232  -0.0201  0.0503  -0.0002  -0.1504  0.0063  -0.0034 | -0.0885  -0.0403  -0.0007  -0.0045  -0.0000  -0.0055  -0.0006  -0.0001 | -0.1377  -1.1349  -0.0064  0.0153  -0.0001  -0.0478  0.0019  -0.0010 | 0.5939  -0.0925  -0.0055  0.0342  -0.0001  -0.0414  0.0043  -0.0017 |
| 2.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.2013  0.2497  0.0118  -0.0700  0.0002  0.0886  -0.0087  0.0036 | -0.2848  -1.5199  -0.0164  0.0513  -0.0002  -0.1232  0.0064  -0.0028 | -0.1599  -0.0694  -0.0016  -0.0053  -0.0000  -0.0120  -0.0007  -0.0003 | 0.0296  -0.6921  -0.0011  0.0024  -0.0000  -0.0085  0.0003  -0.0000 | 0.7223  -0.0697  -0.0033  0.0135  -0.0000  -0.0251  0.0017  -0.0007 |
| 2.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.8021  0.3289  0.0113  -0.0385  0.0001  0.0847  -0.0048  0.0022 | -0.0277  -1.1723  -0.0105  0.0421  -0.0001  -0.0790  0.0053  -0.0016 | -0.2134  -0.1120  -0.0025  -0.0046  -0.0000  -0.0189  -0.0006  -0.0005 | 0.1079  -0.3226  0.0028  -0.0100  0.0000  0.0213  -0.0012  0.0006 | 0.7778  -0.0203  -0.0016  0.0087  -0.0000  -0.0121  0.0011  -0.0003 |
| 2.925 | 1.300 | 1  2  3  4  5  6  7  8 | -1.3513  0.2844  0.0090  -0.0379  0.0001  0.0678  -0.0047  0.0014 | 0.0754  -0.7883  -0.0050  0.0255  -0.0000  -0.0377  0.0032  -0.0007 | -0.2569  -0.1477  -0.0024  -0.0041  -0.0000  -0.0183  -0.0005  -0.0005 | 0.1396  -0.0561  0.0042  -0.0185  0.0001  0.0317  -0.0023  0.0008 | 0.7501  0.0480  0.0006  0.0044  0.0000  0.0047  0.0005  0.0001 |
| 2.925 | 1.550 | 1  2  3  4  5  6  7  8 | -1.8190  0.1755  0.0084  -0.0366  0.0001  0.0631  -0.0046  0.0013 | 0.0392  -0.4197  -0.0016  0.0077  -0.0000  -0.0117  0.0010  -0.0002 | -0.3230  -0.1531  -0.0011  -0.0068  -0.0000  -0.0080  -0.0008  -0.0002 | 0.1739  0.0997  0.0038  -0.0209  0.0000  0.0288  -0.0026  0.0007 | 0.6597  0.1073  0.0021  -0.0000  0.0000  0.0158  -0.0000  0.0004 |
| 2.925 | 1.800 | 1  2  3  4  5  6  7  8 | -2.1154  -0.0231  0.0059  -0.0314  0.0001  0.0439  -0.0039  0.0008 | -0.0551  -0.1198  0.0003  -0.0055  0.0000  0.0022  -0.0007  0.0001 | -0.4022  -0.1482  -0.0001  -0.0111  -0.0000  -0.0004  -0.0014  -0.0001 | 0.2358  0.1631  0.0027  -0.0187  0.0000  0.0204  -0.0023  0.0004 | 0.5395  0.1362  0.0026  -0.0026  0.0000  0.0197  -0.0003  0.0004 |
| 2.925 | 2.050 | 1  2  3  4  5  6  7  8 | -2.2761  -0.2584  0.0037  -0.0233  0.0000  0.0274  -0.0029  0.0005 | -0.1197  0.0733  0.0006  -0.0116  0.0000  0.0043  -0.0014  0.0000 | -0.4711  -0.1529  0.0003  -0.0148  -0.0000  0.0024  -0.0018  -0.0001 | 0.3109  0.1708  0.0018  -0.0147  0.0000  0.0133  -0.0018  0.0003 | 0.4113  0.1329  0.0027  -0.0029  0.0000  0.0202  -0.0004  0.0004 |
| 2.925 | 2.300 | 1  2  3  4  5  6  7  8 | -2.3590  -0.4753  0.0023  -0.0161  0.0000  0.0170  -0.0020  0.0003 | -0.1387  0.1711  0.0004  -0.0119  0.0000  0.0030  -0.0015  0.0000 | -0.5118  -0.1706  0.0003  -0.0169  -0.0000  0.0023  -0.0021  -0.0001 | 0.3763  0.1527  0.0012  -0.0111  0.0000  0.0087  -0.0014  0.0002 | 0.2793  0.1065  0.0026  -0.0017  0.0000  0.0197  -0.0002  0.0004 |
| 2.925 | 2.550 | 1  2  3  4  5  6  7  8 | -2.3961  -0.6452  0.0013  -0.0120  0.0000  0.0095  -0.0015  0.0002 | -0.1346  0.2033  0.0003  -0.0090  0.0000  0.0026  -0.0011  0.0001 | -0.5257  -0.1959  0.0001  -0.0180  -0.0000  0.0005  -0.0022  -0.0002 | 0.4213  0.1255  0.0008  -0.0088  0.0000  0.0057  -0.0011  0.0001 | 0.1415  0.0671  0.0026  0.0002  0.0000  0.0194  0.0000  0.0004 |
| 2.925 | 2.800 | 1  2  3  4  5  6  7  8 | -2.3846  -0.7569  0.0004  -0.0108  0.0000  0.0030  -0.0014  0.0000 | -0.1253  0.1987  0.0006  -0.0048  0.0000  0.0041  -0.0006  0.0002 | -0.5155  -0.2221  -0.0002  -0.0185  -0.0000  -0.0019  -0.0023  -0.0003 | 0.4457  0.0964  0.0004  -0.0079  -0.0000  0.0032  -0.0010  -0.0000 | -0.0016  0.0229  0.0026  0.0024  0.0000  0.0198  0.0003  0.0005 |
| 2.925 | 3.050 | 1  2  3  4  5  6  7  8 | -2.3216  -0.8132  -0.0006  -0.0125  -0.0000  -0.0044  -0.0016  -0.0002 | -0.1151  0.1767  0.0010  0.0001  0.0000  0.0078  0.0000  0.0004 | -0.4865  -0.2424  -0.0006  -0.0186  -0.0000  -0.0043  -0.0023  -0.0003 | 0.4516  0.0670  0.0000  -0.0085  -0.0000  0.0002  -0.0011  -0.0001 | -0.1467  -0.0206  0.0028  0.0047  0.0000  0.0208  0.0006  0.0005 |
| 2.925 | 3.300 | 1  2  3  4  5  6  7  8 | -2.1971  -0.8153  -0.0020  -0.0179  -0.0000  -0.0151  -0.0022  -0.0006 | -0.1025  0.1493  0.0017  0.0049  0.0000  0.0127  0.0006  0.0007 | -0.4383  -0.2536  -0.0008  -0.0180  -0.0000  -0.0059  -0.0022  -0.0004 | 0.4409  0.0369  -0.0006  -0.0109  -0.0000  -0.0043  -0.0014  -0.0004 | -0.2899  -0.0599  0.0030  0.0072  0.0000  0.0224  0.0009  0.0006 |
| 2.925 | 3.550 | 1  2  3  4  5  6  7  8 | -2.0072  -0.7682  -0.0041  -0.0274  -0.0001  -0.0305  -0.0034  -0.0012 | -0.0814  0.1255  0.0022  0.0080  0.0001  0.0164  0.0010  0.0009 | -0.3781  -0.2538  -0.0007  -0.0158  -0.0000  -0.0055  -0.0020  -0.0003 | 0.4155  0.0047  -0.0015  -0.0155  -0.0000  -0.0113  -0.0019  -0.0007 | -0.4259  -0.0916  0.0032  0.0093  0.0000  0.0240  0.0012  0.0007 |
| 2.925 | 3.800 | 1  2  3  4  5  6  7  8 | -1.7414  -0.6727  -0.0069  -0.0414  -0.0001  -0.0517  -0.0052  -0.0021 | -0.0395  0.1121  0.0018  0.0053  0.0000  0.0132  0.0007  0.0007 | -0.3070  -0.2426  -0.0002  -0.0111  -0.0000  -0.0012  -0.0014  -0.0001 | 0.3756  -0.0314  -0.0028  -0.0221  -0.0001  -0.0211  -0.0028  -0.0011 | -0.5483  -0.1128  0.0032  0.0101  0.0000  0.0241  0.0013  0.0007 |
| 2.925 | 4.050 | 1  2  3  4  5  6  7  8 | -1.4018  -0.5318  -0.0098  -0.0556  -0.0002  -0.0734  -0.0069  -0.0030 | 0.0440  0.1163  -0.0006  -0.0083  -0.0000  -0.0045  -0.0010  -0.0001 | -0.2362  -0.2217  0.0011  -0.0031  0.0000  0.0079  -0.0004  0.0003 | 0.3196  -0.0741  -0.0042  -0.0288  -0.0001  -0.0314  -0.0036  -0.0016 | -0.6485  -0.1200  0.0027  0.0077  0.0000  0.0201  0.0010  0.0006 |
| 2.925 | 4.300 | 1  2  3  4  5  6  7  8 | -1.0005  -0.3448  -0.0113  -0.0631  -0.0002  -0.0844  -0.0079  -0.0035 | 0.1933  0.1481  -0.0053  -0.0343  -0.0001  -0.0394  -0.0043  -0.0016 | -0.1695  -0.1925  0.0026  0.0063  0.0000  0.0197  0.0008  0.0008 | 0.2384  -0.1273  -0.0048  -0.0311  -0.0001  -0.0361  -0.0039  -0.0019 | -0.7146  -0.1088  0.0013  0.0006  0.0000  0.0096  0.0001  0.0002 |
| 2.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.5717  -0.1115  -0.0113  -0.0667  -0.0002  -0.0846  -0.0083  -0.0037 | 0.4143  0.2269  -0.0114  -0.0682  -0.0002  -0.0853  -0.0085  -0.0036 | -0.1115  -0.1573  0.0036  0.0118  0.0001  0.0267  0.0015  0.0011 | 0.1159  -0.1975  -0.0037  -0.0236  -0.0001  -0.0275  -0.0029  -0.0015 | -0.7359  -0.0743  -0.0009  -0.0108  -0.0000  -0.0068  -0.0014  -0.0005 |
| 2.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.1263  0.1436  -0.0131  -0.0971  -0.0003  -0.0979  -0.0121  -0.0050 | 0.6848  0.3783  -0.0184  -0.1060  -0.0004  -0.1382  -0.0132  -0.0059 | -0.0615  -0.1176  0.0031  0.0096  0.0001  0.0230  0.0012  0.0009 | -0.0630  -0.2977  -0.0002  -0.0033  -0.0000  -0.0015  -0.0004  -0.0003 | -0.7027  -0.0120  -0.0032  -0.0242  -0.0001  -0.0241  -0.0030  -0.0013 |
| 2.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.3949  0.3250  -0.0247  -0.2780  -0.0008  -0.1852  -0.0347  -0.0133 | 0.9652  0.6092  -0.0255  -0.1348  -0.0005  -0.1911  -0.0168  -0.0079 | -0.0199  -0.0759  0.0018  0.0037  0.0000  0.0137  0.0005  0.0004 | -0.3044  -0.4472  0.0057  0.0297  0.0001  0.0427  0.0037  0.0016 | -0.6024  0.0773  -0.0057  -0.0468  -0.0002  -0.0424  -0.0058  -0.0024 |
| 2.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0185  0.0144  -0.0017  -0.0207  -0.0001  -0.0126  -0.0026  -0.0010 | 1.1023  0.7432  -0.0288  -0.1438  -0.0005  -0.2156  -0.0180  -0.0086 | 0.0002  -0.0002  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -0.7323  -0.7412  0.0167  0.0849  0.0003  0.1255  0.0106  0.0049 | -0.1741  0.0420  -0.0034  -0.0337  -0.0001  -0.0252  -0.0042  -0.0017 |
| 3.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0239  -0.0022  0.0022  -0.0249  0.0001  0.0165  -0.0031  0.0011 | -1.4561  -1.7434  -0.0159  0.0391  -0.0002  -0.1195  0.0049  -0.0025 | -0.0003  0.0001  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -0.8924  -1.8363  -0.0121  0.0268  -0.0001  -0.0905  0.0033  -0.0018 | 0.1821  -0.0199  -0.0036  0.0344  -0.0001  -0.0266  0.0043  -0.0015 |
| 3.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4101  0.0051  0.0266  -0.3125  0.0008  0.1997  -0.0390  0.0133 | -1.2339  -1.6564  -0.0144  0.0399  -0.0001  -0.1080  0.0050  -0.0023 | -0.0273  -0.0429  -0.0012  -0.0020  -0.0000  -0.0091  -0.0002  -0.0002 | -0.3422  -1.1692  -0.0058  0.0123  -0.0001  -0.0438  0.0015  -0.0008 | 0.6251  -0.0697  -0.0050  0.0360  -0.0001  -0.0372  0.0045  -0.0016 |
| 3.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0759  0.1560  0.0079  -0.0653  0.0002  0.0595  -0.0082  0.0028 | -0.8516  -1.4366  -0.0113  0.0381  -0.0001  -0.0850  0.0048  -0.0018 | -0.0333  -0.0805  -0.0020  -0.0019  -0.0000  -0.0153  -0.0002  -0.0004 | -0.0822  -0.7497  -0.0021  0.0021  -0.0000  -0.0157  0.0003  -0.0002 | 0.7500  -0.0425  -0.0028  0.0136  -0.0000  -0.0207  0.0017  -0.0006 |
| 3.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.5512  0.1814  0.0060  -0.0272  0.0001  0.0449  -0.0034  0.0012 | -0.5812  -1.1520  -0.0081  0.0313  -0.0001  -0.0604  0.0039  -0.0012 | -0.0329  -0.1141  -0.0026  -0.0013  -0.0000  -0.0198  -0.0002  -0.0005 | 0.0946  -0.3995  0.0007  -0.0071  0.0000  0.0055  -0.0009  0.0003 | 0.7999  0.0046  -0.0014  0.0085  -0.0000  -0.0104  0.0011  -0.0002 |
| 3.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.9788  0.1385  0.0057  -0.0233  0.0001  0.0428  -0.0029  0.0009 | -0.4039  -0.8517  -0.0049  0.0220  -0.0000  -0.0370  0.0027  -0.0006 | -0.0325  -0.1337  -0.0025  -0.0013  -0.0000  -0.0190  -0.0002  -0.0005 | 0.2175  -0.1348  0.0022  -0.0136  0.0000  0.0165  -0.0017  0.0005 | 0.7776  0.0593  0.0001  0.0052  0.0000  0.0006  0.0007  0.0000 |
| 3.175 | 1.550 | 1  2  3  4  5  6  7  8 | -1.3489  0.0575  0.0057  -0.0238  0.0001  0.0429  -0.0030  0.0009 | -0.3065  -0.5656  -0.0024  0.0125  -0.0000  -0.0177  0.0016  -0.0002 | -0.0444  -0.1343  -0.0018  -0.0031  -0.0000  -0.0138  -0.0004  -0.0004 | 0.3143  0.0428  0.0026  -0.0166  0.0000  0.0192  -0.0021  0.0005 | 0.6970  0.1063  0.0013  0.0021  0.0000  0.0095  0.0003  0.0002 |
| 3.175 | 1.800 | 1  2  3  4  5  6  7  8 | -1.6311  -0.0640  0.0048  -0.0231  0.0000  0.0358  -0.0029  0.0007 | -0.2627  -0.3159  -0.0004  0.0044  0.0000  -0.0033  0.0006  0.0001 | -0.0706  -0.1220  -0.0011  -0.0060  -0.0000  -0.0080  -0.0008  -0.0002 | 0.4039  0.1434  0.0022  -0.0166  0.0000  0.0167  -0.0021  0.0004 | 0.5792  0.1332  0.0020  -0.0002  0.0000  0.0149  -0.0000  0.0003 |
| 3.175 | 2.050 | 1  2  3  4  5  6  7  8 | -1.8199  -0.2120  0.0034  -0.0203  0.0000  0.0258  -0.0025  0.0005 | -0.2347  -0.1235  0.0006  -0.0008  0.0000  0.0044  -0.0001  0.0003 | -0.1003  -0.1084  -0.0005  -0.0091  -0.0000  -0.0039  -0.0011  -0.0002 | 0.4882  0.1868  0.0017  -0.0148  0.0000  0.0125  -0.0019  0.0003 | 0.4423  0.1351  0.0023  -0.0011  0.0000  0.0174  -0.0001  0.0004 |
| 3.175 | 2.300 | 1  2  3  4  5  6  7  8 | -1.9278  -0.3591  0.0022  -0.0169  0.0000  0.0166  -0.0021  0.0003 | -0.1994  0.0069  0.0010  -0.0028  0.0000  0.0076  -0.0004  0.0003 | -0.1219  -0.1008  -0.0003  -0.0114  -0.0000  -0.0020  -0.0014  -0.0002 | 0.5594  0.1942  0.0012  -0.0127  0.0000  0.0086  -0.0016  0.0002 | 0.2956  0.1149  0.0025  -0.0007  0.0000  0.0185  -0.0001  0.0004 |
| 3.175 | 2.550 | 1  2  3  4  5  6  7  8 | -1.9746  -0.4824  0.0011  -0.0146  0.0000  0.0086  -0.0018  0.0001 | -0.1522  0.0865  0.0012  -0.0024  0.0000  0.0092  -0.0003  0.0004 | -0.1305  -0.1005  -0.0002  -0.0127  -0.0000  -0.0015  -0.0016  -0.0002 | 0.6104  0.1811  0.0007  -0.0111  0.0000  0.0053  -0.0014  0.0000 | 0.1429  0.0793  0.0025  0.0005  0.0000  0.0191  0.0001  0.0004 |
| 3.175 | 2.800 | 1  2  3  4  5  6  7  8 | -1.9670  -0.5690  0.0001  -0.0142  -0.0000  0.0010  -0.0018  -0.0001 | -0.0968  0.1311  0.0014  -0.0007  0.0000  0.0105  -0.0001  0.0005 | -0.1263  -0.1052  -0.0002  -0.0132  -0.0000  -0.0015  -0.0016  -0.0002 | 0.6385  0.1569  0.0003  -0.0106  -0.0000  0.0022  -0.0013  -0.0001 | -0.0134  0.0351  0.0026  0.0021  0.0000  0.0197  0.0003  0.0004 |
| 3.175 | 3.050 | 1  2  3  4  5  6  7  8 | -1.9074  -0.6132  -0.0010  -0.0160  -0.0000  -0.0073  -0.0020  -0.0004 | -0.0351  0.1560  0.0016  0.0013  0.0000  0.0117  0.0002  0.0006 | -0.1116  -0.1116  -0.0002  -0.0127  -0.0000  -0.0015  -0.0016  -0.0002 | 0.6435  0.1258  -0.0002  -0.0113  -0.0000  -0.0013  -0.0014  -0.0002 | -0.1698  -0.0115  0.0027  0.0038  0.0000  0.0204  0.0005  0.0005 |
| 3.175 | 3.300 | 1  2  3  4  5  6  7  8 | -1.7905  -0.6142  -0.0023  -0.0202  -0.0000  -0.0172  -0.0025  -0.0007 | 0.0354  0.1730  0.0016  0.0023  0.0000  0.0118  0.0003  0.0006 | -0.0888  -0.1169  -0.0001  -0.0111  -0.0000  -0.0004  -0.0014  -0.0001 | 0.6260  0.0889  -0.0008  -0.0134  -0.0000  -0.0058  -0.0017  -0.0005 | -0.3217  -0.0556  0.0028  0.0053  0.0000  0.0210  0.0007  0.0006 |
| 3.175 | 3.550 | 1  2  3  4  5  6  7  8 | -1.6168  -0.5732  -0.0039  -0.0265  -0.0001  -0.0290  -0.0033  -0.0012 | 0.1211  0.1916  0.0012  0.0007  0.0000  0.0088  0.0001  0.0005 | -0.0619  -0.1192  0.0003  -0.0079  0.0000  0.0026  -0.0010  0.0000 | 0.5857  0.0456  -0.0015  -0.0167  -0.0000  -0.0115  -0.0021  -0.0007 | -0.4633  -0.0932  0.0028  0.0061  0.0000  0.0207  0.0008  0.0006 |
| 3.175 | 3.800 | 1  2  3  4  5  6  7  8 | -1.3816  -0.4915  -0.0055  -0.0333  -0.0001  -0.0411  -0.0042  -0.0017 | 0.2328  0.2197  -0.0000  -0.0057  0.0000  -0.0002  -0.0007  0.0001 | -0.0347  -0.1178  0.0011  -0.0028  0.0000  0.0080  -0.0004  0.0003 | 0.5210  -0.0062  -0.0023  -0.0203  -0.0001  -0.0175  -0.0025  -0.0010 | -0.5874  -0.1202  0.0025  0.0053  0.0000  0.0185  0.0007  0.0005 |
| 3.175 | 4.050 | 1  2  3  4  5  6  7  8 | -1.0925  -0.3718  -0.0066  -0.0378  -0.0001  -0.0493  -0.0047  -0.0020 | 0.3840  0.2651  -0.0023  -0.0179  -0.0000  -0.0171  -0.0022  -0.0006 | -0.0116  -0.1128  0.0021  0.0035  0.0000  0.0155  0.0004  0.0006 | 0.4266  -0.0698  -0.0029  -0.0225  -0.0001  -0.0216  -0.0028  -0.0012 | -0.6851  -0.1325  0.0017  0.0019  0.0000  0.0130  0.0002  0.0003 |
| 3.175 | 4.300 | 1  2  3  4  5  6  7  8 | -0.7570  -0.2174  -0.0067  -0.0378  -0.0001  -0.0501  -0.0047  -0.0020 | 0.5857  0.3367  -0.0054  -0.0351  -0.0001  -0.0407  -0.0044  -0.0016 | 0.0050  -0.1047  0.0030  0.0093  0.0001  0.0227  0.0012  0.0009 | 0.2934  -0.1502  -0.0027  -0.0204  -0.0001  -0.0200  -0.0025  -0.0012 | -0.7464  -0.1255  0.0005  -0.0042  -0.0000  0.0036  -0.0005  -0.0001 |
| 3.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.3883  -0.0360  -0.0062  -0.0385  -0.0001  -0.0463  -0.0048  -0.0020 | 0.8415  0.4458  -0.0090  -0.0546  -0.0002  -0.0673  -0.0068  -0.0028 | 0.0150  -0.0940  0.0035  0.0123  0.0001  0.0260  0.0015  0.0010 | 0.1079  -0.2550  -0.0012  -0.0116  -0.0000  -0.0093  -0.0014  -0.0007 | -0.7618  -0.0943  -0.0011  -0.0124  -0.0000  -0.0084  -0.0015  -0.0006 |
| 3.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0155  0.1494  -0.0072  -0.0675  -0.0002  -0.0542  -0.0084  -0.0032 | 1.1496  0.6040  -0.0129  -0.0746  -0.0003  -0.0964  -0.0093  -0.0040 | 0.0188  -0.0798  0.0031  0.0109  0.0001  0.0235  0.0014  0.0009 | -0.1426  -0.3956  0.0016  0.0053  0.0000  0.0123  0.0007  0.0002 | -0.7220  -0.0352  -0.0028  -0.0224  -0.0001  -0.0208  -0.0028  -0.0011 |
| 3.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.4975  0.2654  -0.0194  -0.2677  -0.0008  -0.1451  -0.0334  -0.0123 | 1.5287  0.8176  -0.0170  -0.0857  -0.0003  -0.1272  -0.0107  -0.0049 | 0.0141  -0.0597  0.0021  0.0058  0.0000  0.0159  0.0007  0.0005 | -0.4700  -0.5865  0.0060  0.0297  0.0001  0.0449  0.0037  0.0016 | -0.6135  0.0494  -0.0049  -0.0448  -0.0001  -0.0364  -0.0056  -0.0022 |
| 3.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0191  0.0102  -0.0016  -0.0219  -0.0001  -0.0121  -0.0027  -0.0010 | 1.7409  0.9387  -0.0190  -0.0869  -0.0003  -0.1427  -0.0109  -0.0051 | -0.0002  -0.0003  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -1.1201  -0.9480  0.0135  0.0646  0.0002  0.1015  0.0081  0.0036 | -0.1762  0.0297  -0.0030  -0.0343  -0.0001  -0.0226  -0.0043  -0.0016 |
| 3.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0243  -0.0011  0.0021  -0.0254  0.0001  0.0156  -0.0032  0.0011 | -1.8588  -1.7314  -0.0100  0.0225  -0.0001  -0.0749  0.0028  -0.0013 | 0.0003  -0.0001  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -1.2380  -1.8700  -0.0096  0.0191  -0.0001  -0.0722  0.0024  -0.0013 | 0.1815  -0.0136  -0.0032  0.0343  -0.0001  -0.0239  0.0043  -0.0014 |
| 3.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4649  0.0136  0.0245  -0.3169  0.0008  0.1839  -0.0396  0.0131 | -1.6838  -1.6315  -0.0094  0.0261  -0.0001  -0.0707  0.0033  -0.0013 | 0.0287  -0.0441  -0.0011  -0.0012  -0.0000  -0.0084  -0.0002  -0.0002 | -0.5479  -1.2084  -0.0056  0.0103  -0.0000  -0.0420  0.0013  -0.0007 | 0.6213  -0.0458  -0.0042  0.0357  -0.0001  -0.0318  0.0045  -0.0015 |
| 3.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.0484  0.0982  0.0057  -0.0615  0.0002  0.0424  -0.0077  0.0024 | -1.3415  -1.4112  -0.0081  0.0284  -0.0001  -0.0608  0.0035  -0.0012 | 0.0542  -0.0747  -0.0019  -0.0004  -0.0000  -0.0143  -0.0001  -0.0003 | -0.1888  -0.8024  -0.0029  0.0022  -0.0000  -0.0214  0.0003  -0.0003 | 0.7407  -0.0186  -0.0022  0.0132  -0.0000  -0.0167  0.0016  -0.0005 |
| 3.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.3449  0.0973  0.0033  -0.0201  0.0000  0.0249  -0.0025  0.0007 | -1.0386  -1.1630  -0.0064  0.0244  -0.0001  -0.0483  0.0030  -0.0009 | 0.0888  -0.0982  -0.0024  0.0003  -0.0000  -0.0180  0.0000  -0.0004 | 0.0809  -0.4621  -0.0007  -0.0050  0.0000  -0.0051  -0.0006  0.0001 | 0.7880  0.0217  -0.0012  0.0083  -0.0000  -0.0089  0.0010  -0.0002 |
| 3.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.6982  0.0597  0.0034  -0.0155  0.0000  0.0258  -0.0019  0.0005 | -0.7990  -0.9096  -0.0046  0.0187  -0.0000  -0.0347  0.0023  -0.0006 | 0.1219  -0.1086  -0.0024  0.0003  -0.0000  -0.0182  0.0000  -0.0004 | 0.2836  -0.1950  0.0007  -0.0103  0.0000  0.0055  -0.0013  0.0003 | 0.7702  0.0646  -0.0002  0.0058  -0.0000  -0.0011  0.0007  -0.0000 |
| 3.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.0041  -0.0018  0.0037  -0.0164  0.0000  0.0275  -0.0020  0.0005 | -0.6180  -0.6667  -0.0029  0.0129  -0.0000  -0.0216  0.0016  -0.0003 | 0.1454  -0.1044  -0.0021  -0.0008  -0.0000  -0.0155  -0.0001  -0.0004 | 0.4409  -0.0014  0.0014  -0.0135  0.0000  0.0104  -0.0017  0.0003 | 0.6987  0.1007  0.0008  0.0035  0.0000  0.0059  0.0004  0.0001 |
| 3.425 | 1.800 | 1  2  3  4  5  6  7  8 | -1.2515  -0.0837  0.0034  -0.0171  0.0000  0.0256  -0.0021  0.0005 | -0.4825  -0.4467  -0.0014  0.0075  -0.0000  -0.0104  0.0009  -0.0000 | 0.1562  -0.0888  -0.0015  -0.0027  -0.0000  -0.0114  -0.0003  -0.0003 | 0.5685  0.1253  0.0015  -0.0146  0.0000  0.0112  -0.0018  0.0003 | 0.5880  0.1220  0.0015  0.0017  0.0000  0.0113  0.0002  0.0002 |
| 3.425 | 2.050 | 1  2  3  4  5  6  7  8 | -1.4322  -0.1799  0.0027  -0.0168  0.0000  0.0204  -0.0021  0.0003 | -0.3739  -0.2606  -0.0003  0.0034  0.0000  -0.0025  0.0004  0.0002 | 0.1575  -0.0684  -0.0010  -0.0049  -0.0000  -0.0076  -0.0006  -0.0002 | 0.6732  0.1972  0.0013  -0.0143  0.0000  0.0097  -0.0018  0.0002 | 0.4523  0.1242  0.0020  0.0007  0.0000  0.0148  0.0001  0.0003 |
| 3.425 | 2.300 | 1  2  3  4  5  6  7  8 | -1.5459  -0.2777  0.0019  -0.0158  0.0000  0.0139  -0.0020  0.0002 | -0.2751  -0.1139  0.0003  0.0009  0.0000  0.0024  0.0001  0.0003 | 0.1555  -0.0496  -0.0006  -0.0067  -0.0000  -0.0047  -0.0008  -0.0002 | 0.7553  0.2284  0.0010  -0.0134  0.0000  0.0072  -0.0017  0.0001 | 0.3020  0.1079  0.0022  0.0005  0.0000  0.0168  0.0001  0.0004 |
| 3.425 | 2.550 | 1  2  3  4  5  6  7  8 | -1.5994  -0.3629  0.0009  -0.0151  0.0000  0.0071  -0.0019  0.0000 | -0.1756  -0.0035  0.0007  -0.0002  0.0000  0.0050  -0.0000  0.0003 | 0.1546  -0.0362  -0.0004  -0.0078  -0.0000  -0.0027  -0.0010  -0.0001 | 0.8122  0.2316  0.0006  -0.0126  0.0000  0.0044  -0.0016  0.0000 | 0.1435  0.0766  0.0024  0.0010  0.0000  0.0180  0.0001  0.0004 |
| 3.425 | 2.800 | 1  2  3  4  5  6  7  8 | -1.5985  -0.4245  0.0000  -0.0152  -0.0000  0.0000  -0.0019  -0.0002 | -0.0709  0.0787  0.0008  -0.0004  0.0000  0.0062  -0.0000  0.0004 | 0.1563  -0.0287  -0.0001  -0.0080  -0.0000  -0.0010  -0.0010  -0.0001 | 0.8419  0.2156  0.0002  -0.0124  -0.0000  0.0014  -0.0015  -0.0001 | -0.0183  0.0358  0.0025  0.0019  0.0000  0.0188  0.0002  0.0004 |
| 3.425 | 3.050 | 1  2  3  4  5  6  7  8 | -1.5463  -0.4558  -0.0010  -0.0167  -0.0000  -0.0074  -0.0021  -0.0004 | 0.0416  0.1428  0.0008  -0.0006  0.0000  0.0061  -0.0001  0.0004 | 0.1598  -0.0265  0.0001  -0.0072  -0.0000  0.0009  -0.0009  -0.0000 | 0.8433  0.1856  -0.0002  -0.0130  -0.0000  -0.0018  -0.0016  -0.0003 | -0.1787  -0.0091  0.0025  0.0028  0.0000  0.0191  0.0003  0.0005 |
| 3.425 | 3.300 | 1  2  3  4  5  6  7  8 | -1.4428  -0.4537  -0.0020  -0.0193  -0.0000  -0.0153  -0.0024  -0.0007 | 0.1661  0.1986  0.0005  -0.0019  0.0000  0.0041  -0.0002  0.0003 | 0.1631  -0.0278  0.0005  -0.0053  0.0000  0.0036  -0.0007  0.0001 | 0.8152  0.1439  -0.0007  -0.0143  -0.0000  -0.0055  -0.0018  -0.0005 | -0.3327  -0.0531  0.0025  0.0033  0.0000  0.0187  0.0004  0.0005 |
| 3.425 | 3.550 | 1  2  3  4  5  6  7  8 | -1.2891  -0.4177  -0.0031  -0.0223  -0.0001  -0.0230  -0.0028  -0.0009 | 0.3088  0.2549  -0.0001  -0.0053  0.0000  -0.0009  -0.0007  0.0001 | 0.1639  -0.0314  0.0010  -0.0021  0.0000  0.0075  -0.0003  0.0002 | 0.7561  0.0902  -0.0012  -0.0160  -0.0000  -0.0092  -0.0020  -0.0007 | -0.4738  -0.0914  0.0023  0.0030  0.0000  0.0172  0.0004  0.0004 |
| 3.425 | 3.800 | 1  2  3  4  5  6  7  8 | -1.0864  -0.3487  -0.0039  -0.0247  -0.0001  -0.0290  -0.0031  -0.0012 | 0.4780  0.3194  -0.0013  -0.0118  -0.0000  -0.0100  -0.0015  -0.0003 | 0.1596  -0.0363  0.0017  0.0021  0.0000  0.0126  0.0003  0.0005 | 0.6622  0.0226  -0.0016  -0.0173  -0.0001  -0.0120  -0.0022  -0.0008 | -0.5950  -0.1196  0.0019  0.0014  0.0000  0.0139  0.0002  0.0003 |
| 3.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.8397  -0.2492  -0.0042  -0.0247  -0.0001  -0.0313  -0.0031  -0.0012 | 0.6826  0.3995  -0.0031  -0.0212  -0.0001  -0.0231  -0.0026  -0.0008 | 0.1482  -0.0417  0.0024  0.0065  0.0000  0.0180  0.0008  0.0007 | 0.5273  -0.0625  -0.0016  -0.0166  -0.0001  -0.0121  -0.0021  -0.0009 | -0.6879  -0.1334  0.0011  -0.0020  0.0000  0.0082  -0.0002  0.0001 |
| 3.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.5550  -0.1233  -0.0039  -0.0224  -0.0001  -0.0290  -0.0028  -0.0011 | 0.9299  0.5020  -0.0052  -0.0326  -0.0001  -0.0387  -0.0041  -0.0015 | 0.1293  -0.0468  0.0030  0.0099  0.0001  0.0221  0.0012  0.0009 | 0.3418  -0.1705  -0.0010  -0.0125  -0.0000  -0.0076  -0.0016  -0.0007 | -0.7440  -0.1281  0.0001  -0.0068  -0.0000  0.0004  -0.0009  -0.0002 |
| 3.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.2374  0.0202  -0.0033  -0.0227  -0.0001  -0.0246  -0.0028  -0.0010 | 1.2248  0.6334  -0.0073  -0.0443  -0.0001  -0.0548  -0.0055  -0.0022 | 0.1041  -0.0501  0.0031  0.0111  0.0001  0.0232  0.0014  0.0009 | 0.0937  -0.3091  0.0004  -0.0038  -0.0000  0.0033  -0.0005  -0.0003 | -0.7546  -0.0994  -0.0011  -0.0126  -0.0000  -0.0083  -0.0016  -0.0006 |
| 3.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1168  0.1590  -0.0042  -0.0536  -0.0001  -0.0317  -0.0067  -0.0024 | 1.5683  0.8002  -0.0093  -0.0539  -0.0002  -0.0699  -0.0067  -0.0028 | 0.0745  -0.0494  0.0027  0.0092  0.0000  0.0202  0.0012  0.0007 | -0.2313  -0.4878  0.0028  0.0100  0.0000  0.0211  0.0013  0.0005 | -0.7112  -0.0444  -0.0023  -0.0201  -0.0001  -0.0170  -0.0025  -0.0010 |
| 3.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.5492  0.2138  -0.0165  -0.2707  -0.0008  -0.1239  -0.0338  -0.0122 | 1.9400  1.0194  -0.0110  -0.0537  -0.0002  -0.0828  -0.0067  -0.0029 | 0.0457  -0.0427  0.0018  0.0048  0.0000  0.0132  0.0006  0.0004 | -0.6485  -0.7185  0.0060  0.0277  0.0001  0.0451  0.0035  0.0014 | -0.6007  0.0331  -0.0039  -0.0411  -0.0001  -0.0294  -0.0051  -0.0019 |
| 3.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0184  0.0059  -0.0015  -0.0228  -0.0001  -0.0112  -0.0028  -0.0010 | 2.1280  1.1454  -0.0118  -0.0495  -0.0002  -0.0885  -0.0062  -0.0028 | 0.0004  -0.0003  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -1.4369  -1.1533  0.0108  0.0482  0.0002  0.0812  0.0060  0.0026 | -0.1716  0.0217  -0.0026  -0.0333  -0.0001  -0.0191  -0.0042  -0.0015 |
| 3.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0243  -0.0017  0.0020  -0.0261  0.0001  0.0148  -0.0033  0.0011 | -2.4824  -1.7372  -0.0081  0.0138  -0.0000  -0.0606  0.0017  -0.0007 | -0.0003  -0.0001  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -1.6471  -1.9056  -0.0086  0.0140  -0.0001  -0.0646  0.0018  -0.0010 | 0.1748  -0.0072  -0.0030  0.0357  -0.0001  -0.0222  0.0045  -0.0014 |
| 3.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4848  0.0027  0.0232  -0.3244  0.0008  0.1737  -0.0405  0.0132 | -2.2252  -1.6309  -0.0073  0.0177  -0.0000  -0.0546  0.0022  -0.0008 | 0.0505  -0.0406  -0.0010  -0.0008  -0.0000  -0.0078  -0.0001  -0.0001 | -0.7360  -1.2452  -0.0054  0.0084  -0.0000  -0.0402  0.0010  -0.0006 | 0.5950  -0.0255  -0.0037  0.0364  -0.0001  -0.0276  0.0045  -0.0014 |
| 3.675 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1410  0.0605  0.0045  -0.0598  0.0001  0.0337  -0.0075  0.0023 | -1.7762  -1.4119  -0.0061  0.0212  -0.0000  -0.0454  0.0026  -0.0008 | 0.1075  -0.0619  -0.0016  0.0002  -0.0000  -0.0122  0.0000  -0.0003 | -0.2859  -0.8477  -0.0033  0.0022  -0.0000  -0.0250  0.0003  -0.0003 | 0.7070  -0.0010  -0.0018  0.0127  -0.0000  -0.0134  0.0016  -0.0004 |
| 3.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.1869  0.0506  0.0019  -0.0158  0.0000  0.0144  -0.0020  0.0005 | -1.4259  -1.1849  -0.0052  0.0191  -0.0000  -0.0388  0.0024  -0.0007 | 0.1664  -0.0766  -0.0020  0.0010  -0.0000  -0.0153  0.0001  -0.0003 | 0.0657  -0.5117  -0.0016  -0.0036  -0.0000  -0.0122  -0.0005  -0.0001 | 0.7528  0.0321  -0.0010  0.0080  -0.0000  -0.0074  0.0010  -0.0002 |
| 3.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.4824  0.0175  0.0020  -0.0106  0.0000  0.0149  -0.0013  0.0003 | -1.1355  -0.9586  -0.0041  0.0156  -0.0000  -0.0310  0.0020  -0.0005 | 0.2226  -0.0808  -0.0022  0.0012  -0.0000  -0.0162  0.0001  -0.0004 | 0.3402  -0.2407  -0.0004  -0.0081  0.0000  -0.0027  -0.0010  0.0001 | 0.7393  0.0654  -0.0002  0.0061  -0.0000  -0.0017  0.0008  -0.0000 |
| 3.675 | 1.550 | 1  2  3  4  5  6  7  8 | -0.7392  -0.0297  0.0023  -0.0115  0.0000  0.0169  -0.0014  0.0003 | -0.8934  -0.7406  -0.0030  0.0118  -0.0000  -0.0226  0.0015  -0.0003 | 0.2702  -0.0734  -0.0020  0.0007  -0.0000  -0.0149  0.0001  -0.0004 | 0.5550  -0.0343  0.0004  -0.0112  0.0000  0.0030  -0.0014  0.0002 | 0.6761  0.0923  0.0005  0.0044  0.0000  0.0038  0.0006  0.0001 |
| 3.675 | 1.800 | 1  2  3  4  5  6  7  8 | -0.9511  -0.0876  0.0023  -0.0129  0.0000  0.0170  -0.0016  0.0003 | -0.6905  -0.5379  -0.0020  0.0081  -0.0000  -0.0147  0.0010  -0.0001 | 0.3057  -0.0563  -0.0016  -0.0004  -0.0000  -0.0123  -0.0001  -0.0003 | 0.7236  0.1119  0.0008  -0.0128  0.0000  0.0056  -0.0016  0.0002 | 0.5742  0.1076  0.0011  0.0030  0.0000  0.0086  0.0004  0.0002 |
| 3.675 | 2.050 | 1  2  3  4  5  6  7  8 | -1.1123  -0.1522  0.0019  -0.0137  0.0000  0.0145  -0.0017  0.0002 | -0.5157  -0.3569  -0.0011  0.0048  0.0000  -0.0081  0.0006  0.0000 | 0.3292  -0.0341  -0.0012  -0.0018  -0.0000  -0.0091  -0.0002  -0.0002 | 0.8547  0.2059  0.0008  -0.0134  0.0000  0.0059  -0.0017  0.0001 | 0.4451  0.1083  0.0016  0.0019  0.0000  0.0122  0.0002  0.0003 |
| 3.675 | 2.300 | 1  2  3  4  5  6  7  8 | -1.2197  -0.2170  0.0014  -0.0140  0.0000  0.0104  -0.0017  0.0001 | -0.3568  -0.2012  -0.0005  0.0023  0.0000  -0.0035  0.0003  0.0001 | 0.3431  -0.0117  -0.0008  -0.0030  -0.0000  -0.0060  -0.0004  -0.0002 | 0.9521  0.2575  0.0006  -0.0133  0.0000  0.0049  -0.0017  0.0001 | 0.2983  0.0939  0.0020  0.0014  0.0000  0.0146  0.0002  0.0003 |
| 3.675 | 2.550 | 1  2  3  4  5  6  7  8 | -1.2743  -0.2738  0.0007  -0.0141  -0.0000  0.0052  -0.0018  -0.0000 | -0.2038  -0.0705  -0.0001  0.0005  0.0000  -0.0008  0.0001  0.0002 | 0.3500  0.0071  -0.0004  -0.0037  -0.0000  -0.0032  -0.0005  -0.0001 | 1.0165  0.2761  0.0004  -0.0131  -0.0000  0.0031  -0.0016  -0.0000 | 0.1416  0.0666  0.0022  0.0014  0.0000  0.0162  0.0002  0.0003 |
| 3.675 | 2.800 | 1  2  3  4  5  6  7  8 | -1.2790  -0.3147  -0.0001  -0.0146  -0.0000  -0.0004  -0.0018  -0.0002 | -0.0492  0.0393  0.0000  -0.0008  0.0000  0.0003  -0.0001  0.0002 | 0.3513  0.0201  -0.0001  -0.0036  -0.0000  -0.0005  -0.0005  -0.0000 | 1.0471  0.2692  0.0001  -0.0131  -0.0000  0.0008  -0.0016  -0.0002 | -0.0189  0.0302  0.0023  0.0016  0.0000  0.0169  0.0002  0.0004 |
| 3.675 | 3.050 | 1  2  3  4  5  6  7  8 | -1.2361  -0.3341  -0.0008  -0.0155  -0.0000  -0.0062  -0.0019  -0.0004 | 0.1123  0.1347  -0.0000  -0.0024  0.0000  -0.0004  -0.0003  0.0002 | 0.3472  0.0267  0.0003  -0.0027  0.0000  0.0024  -0.0003  0.0001 | 1.0429  0.2418  -0.0002  -0.0135  -0.0000  -0.0016  -0.0017  -0.0003 | -0.1774  -0.0106  0.0023  0.0017  0.0000  0.0169  0.0002  0.0004 |
| 3.675 | 3.300 | 1  2  3  4  5  6  7  8 | -1.1476  -0.3285  -0.0016  -0.0167  -0.0000  -0.0118  -0.0021  -0.0005 | 0.2863  0.2229  -0.0004  -0.0048  0.0000  -0.0030  -0.0006  0.0001 | 0.3368  0.0273  0.0008  -0.0009  0.0000  0.0058  -0.0001  0.0002 | 1.0019  0.1965  -0.0005  -0.0141  -0.0000  -0.0039  -0.0018  -0.0004 | -0.3281  -0.0513  0.0021  0.0015  0.0000  0.0160  0.0002  0.0003 |
| 3.675 | 3.550 | 1  2  3  4  5  6  7  8 | -1.0156  -0.2966  -0.0022  -0.0176  -0.0000  -0.0164  -0.0022  -0.0007 | 0.4787  0.3112  -0.0011  -0.0087  -0.0000  -0.0080  -0.0011  -0.0001 | 0.3188  0.0227  0.0013  0.0017  0.0000  0.0097  0.0002  0.0003 | 0.9213  0.1334  -0.0008  -0.0145  -0.0000  -0.0058  -0.0018  -0.0005 | -0.4647  -0.0872  0.0019  0.0005  0.0000  0.0139  0.0001  0.0003 |
| 3.675 | 3.800 | 1  2  3  4  5  6  7  8 | -0.8429  -0.2389  -0.0025  -0.0175  -0.0000  -0.0191  -0.0022  -0.0007 | 0.6963  0.4066  -0.0021  -0.0141  -0.0000  -0.0154  -0.0018  -0.0004 | 0.2923  0.0139  0.0019  0.0047  0.0000  0.0139  0.0006  0.0005 | 0.7965  0.0509  -0.0008  -0.0140  -0.0000  -0.0062  -0.0017  -0.0006 | -0.5801  -0.1138  0.0014  -0.0014  0.0000  0.0103  -0.0002  0.0002 |
| 3.675 | 4.050 | 1  2  3  4  5  6  7  8 | -0.6334  -0.1571  -0.0025  -0.0157  -0.0000  -0.0189  -0.0020  -0.0007 | 0.9456  0.5153  -0.0033  -0.0209  -0.0001  -0.0247  -0.0026  -0.0008 | 0.2568  0.0023  0.0024  0.0075  0.0000  0.0176  0.0009  0.0007 | 0.6204  -0.0548  -0.0005  -0.0118  -0.0000  -0.0040  -0.0015  -0.0006 | -0.6669  -0.1268  0.0007  -0.0044  -0.0000  0.0052  -0.0005  -0.0000 |
| 3.675 | 4.300 | 1  2  3  4  5  6  7  8 | -0.3916  -0.0547  -0.0021  -0.0128  -0.0000  -0.0158  -0.0016  -0.0005 | 1.2325  0.6429  -0.0046  -0.0283  -0.0001  -0.0347  -0.0035  -0.0013 | 0.2132  -0.0105  0.0026  0.0092  0.0000  0.0198  0.0012  0.0008 | 0.3838  -0.1891  0.0002  -0.0069  -0.0000  0.0017  -0.0009  -0.0004 | -0.7174  -0.1222  -0.0001  -0.0081  -0.0000  -0.0010  -0.0010  -0.0003 |
| 3.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.1213  0.0618  -0.0016  -0.0140  -0.0000  -0.0123  -0.0017  -0.0005 | 1.5620  0.7922  -0.0059  -0.0349  -0.0001  -0.0441  -0.0044  -0.0017 | 0.1636  -0.0218  0.0026  0.0092  0.0000  0.0196  0.0011  0.0007 | 0.0752  -0.3594  0.0016  0.0010  0.0000  0.0118  0.0001  0.0000 | -0.7241  -0.0961  -0.0010  -0.0122  -0.0000  -0.0073  -0.0015  -0.0005 |
| 3.675 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1784  0.1751  -0.0028  -0.0483  -0.0001  -0.0209  -0.0060  -0.0020 | 1.9447  0.9584  -0.0070  -0.0394  -0.0001  -0.0521  -0.0049  -0.0019 | 0.1103  -0.0274  0.0022  0.0072  0.0000  0.0165  0.0009  0.0006 | -0.3185  -0.5742  0.0035  0.0120  0.0000  0.0262  0.0015  0.0006 | -0.6791  -0.0463  -0.0018  -0.0181  -0.0001  -0.0135  -0.0023  -0.0008 |
| 3.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.5362  0.2115  -0.0147  -0.2773  -0.0008  -0.1105  -0.0346  -0.0123 | 2.4282  1.1163  -0.0085  -0.0384  -0.0001  -0.0636  -0.0048  -0.0020 | 0.0544  -0.0218  0.0015  0.0038  0.0000  0.0112  0.0005  0.0003 | -0.8152  -0.8390  0.0058  0.0247  0.0001  0.0438  0.0031  0.0013 | -0.5717  0.0236  -0.0032  -0.0392  -0.0001  -0.0239  -0.0049  -0.0018 |
| 3.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0191  0.0046  -0.0014  -0.0233  -0.0001  -0.0102  -0.0029  -0.0010 | 2.7051  1.1881  -0.0095  -0.0361  -0.0001  -0.0713  -0.0045  -0.0020 | -0.0003  0.0001  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -1.8094  -1.2882  0.0097  0.0396  0.0001  0.0725  0.0049  0.0021 | -0.1637  0.0168  -0.0022  -0.0337  -0.0001  -0.0166  -0.0042  -0.0015 |
| 3.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0229  -0.0032  0.0018  -0.0266  0.0001  0.0138  -0.0033  0.0011 | -2.7295  -1.7610  -0.0057  0.0088  -0.0000  -0.0428  0.0011  -0.0004 | 0.0005  -0.0002  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -1.9224  -1.9482  -0.0075  0.0100  -0.0000  -0.0565  0.0012  -0.0008 | 0.1628  -0.0024  -0.0026  0.0354  -0.0001  -0.0198  0.0044  -0.0014 |
| 3.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4848  -0.0226  0.0219  -0.3317  0.0008  0.1645  -0.0414  0.0133 | -2.5348  -1.6465  -0.0053  0.0122  -0.0000  -0.0396  0.0015  -0.0005 | 0.0767  -0.0328  -0.0008  -0.0004  -0.0000  -0.0063  -0.0001  -0.0001 | -0.9195  -1.2810  -0.0052  0.0063  -0.0000  -0.0391  0.0008  -0.0005 | 0.5542  -0.0109  -0.0031  0.0355  -0.0001  -0.0234  0.0044  -0.0013 |
| 3.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1997  0.0353  0.0039  -0.0594  0.0001  0.0292  -0.0074  0.0022 | -2.1388  -1.4242  -0.0047  0.0156  -0.0000  -0.0350  0.0020  -0.0005 | 0.1391  -0.0463  -0.0013  0.0005  -0.0000  -0.0101  0.0001  -0.0002 | -0.3819  -0.8864  -0.0037  0.0017  -0.0000  -0.0275  0.0002  -0.0003 | 0.6581  0.0105  -0.0014  0.0120  -0.0000  -0.0105  0.0015  -0.0003 |
| 3.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.0717  0.0258  0.0012  -0.0134  0.0000  0.0089  -0.0017  0.0004 | -1.7592  -1.2102  -0.0042  0.0148  -0.0000  -0.0317  0.0018  -0.0005 | 0.2116  -0.0548  -0.0017  0.0013  -0.0000  -0.0127  0.0002  -0.0003 | 0.0476  -0.5508  -0.0023  -0.0028  -0.0000  -0.0171  -0.0004  -0.0002 | 0.7022  0.0376  -0.0008  0.0076  -0.0000  -0.0058  0.0010  -0.0001 |
| 3.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.3178  -0.0029  0.0011  -0.0075  0.0000  0.0083  -0.0009  0.0001 | -1.4256  -1.0003  -0.0036  0.0127  -0.0000  -0.0274  0.0016  -0.0004 | 0.2828  -0.0548  -0.0018  0.0017  -0.0000  -0.0139  0.0002  -0.0003 | 0.3883  -0.2748  -0.0012  -0.0066  -0.0000  -0.0088  -0.0008  -0.0000 | 0.6926  0.0630  -0.0002  0.0061  -0.0000  -0.0017  0.0008  -0.0000 |
| 3.925 | 1.550 | 1  2  3  4  5  6  7  8 | -0.5329  -0.0400  0.0013  -0.0082  0.0000  0.0100  -0.0010  0.0001 | -1.1347  -0.7967  -0.0030  0.0102  -0.0000  -0.0221  0.0013  -0.0003 | 0.3462  -0.0454  -0.0018  0.0016  -0.0000  -0.0134  0.0002  -0.0003 | 0.6570  -0.0577  -0.0004  -0.0094  0.0000  -0.0029  -0.0012  0.0001 | 0.6372  0.0824  0.0003  0.0049  0.0000  0.0026  0.0006  0.0001 |
| 3.925 | 1.800 | 1  2  3  4  5  6  7  8 | -0.7123  -0.0821  0.0014  -0.0098  0.0000  0.0106  -0.0012  0.0001 | -0.8789  -0.6037  -0.0022  0.0075  -0.0000  -0.0168  0.0009  -0.0002 | 0.3978  -0.0283  -0.0016  0.0011  -0.0000  -0.0116  0.0001  -0.0003 | 0.8668  0.1037  0.0001  -0.0113  0.0000  0.0006  -0.0014  0.0001 | 0.5450  0.0925  0.0009  0.0037  0.0000  0.0066  0.0005  0.0001 |
| 3.925 | 2.050 | 1  2  3  4  5  6  7  8 | -0.8515  -0.1265  0.0013  -0.0110  0.0000  0.0095  -0.0014  0.0001 | -0.6496  -0.4251  -0.0016  0.0049  -0.0000  -0.0119  0.0006  -0.0000 | 0.4361  -0.0066  -0.0012  0.0005  -0.0000  -0.0091  0.0001  -0.0002 | 1.0266  0.2150  0.0003  -0.0123  0.0000  0.0021  -0.0015  0.0001 | 0.4252  0.0910  0.0013  0.0027  0.0000  0.0099  0.0003  0.0002 |
| 3.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.9474  -0.1694  0.0009  -0.0118  0.0000  0.0070  -0.0015  0.0000 | -0.4377  -0.2633  -0.0011  0.0026  0.0000  -0.0082  0.0003  0.0000 | 0.4613  0.0158  -0.0008  -0.0002  -0.0000  -0.0062  -0.0000  -0.0001 | 1.1419  0.2830  0.0003  -0.0128  0.0000  0.0023  -0.0016  0.0000 | 0.2866  0.0777  0.0016  0.0020  0.0000  0.0123  0.0002  0.0003 |
| 3.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.9990  -0.2061  0.0005  -0.0124  -0.0000  0.0035  -0.0016  -0.0001 | -0.2346  -0.1184  -0.0008  0.0006  0.0000  -0.0059  0.0001  0.0001 | 0.4745  0.0355  -0.0004  -0.0005  -0.0000  -0.0031  -0.0001  -0.0001 | 1.2151  0.3148  0.0002  -0.0129  -0.0000  0.0016  -0.0016  -0.0001 | 0.1368  0.0538  0.0018  0.0015  0.0000  0.0138  0.0002  0.0003 |
| 3.925 | 2.800 | 1  2  3  4  5  6  7  8 | -1.0071  -0.2316  -0.0001  -0.0129  -0.0000  -0.0005  -0.0016  -0.0002 | -0.0325  0.0118  -0.0007  -0.0014  0.0000  -0.0051  -0.0002  0.0001 | 0.4766  0.0500  -0.0000  -0.0002  0.0000  -0.0000  -0.0000  0.0000 | 1.2468  0.3163  0.0001  -0.0130  -0.0000  0.0004  -0.0016  -0.0002 | -0.0171  0.0221  0.0019  0.0011  0.0000  0.0145  0.0001  0.0003 |
| 3.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.9732  -0.2414  -0.0006  -0.0134  -0.0000  -0.0046  -0.0017  -0.0003 | 0.1749  0.1314  -0.0008  -0.0036  0.0000  -0.0059  -0.0005  0.0000 | 0.4680  0.0580  0.0004  0.0006  0.0000  0.0032  0.0001  0.0001 | 1.2361  0.2919  -0.0001  -0.0131  -0.0000  -0.0008  -0.0016  -0.0003 | -0.1691  -0.0138  0.0019  0.0007  0.0000  0.0143  0.0001  0.0003 |
| 3.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.8995  -0.2329  -0.0011  -0.0136  -0.0000  -0.0082  -0.0017  -0.0004 | 0.3937  0.2457  -0.0011  -0.0064  -0.0000  -0.0084  -0.0008  -0.0001 | 0.4486  0.0590  0.0009  0.0021  0.0000  0.0067  0.0003  0.0003 | 1.1810  0.2439  -0.0002  -0.0130  -0.0000  -0.0019  -0.0016  -0.0004 | -0.3128  -0.0496  0.0018  -0.0001  0.0000  0.0132  -0.0000  0.0002 |
| 3.925 | 3.550 | 1  2  3  4  5  6  7  8 | -0.7884  -0.2044  -0.0014  -0.0133  -0.0000  -0.0108  -0.0017  -0.0004 | 0.6298  0.3603  -0.0017  -0.0099  -0.0000  -0.0125  -0.0012  -0.0003 | 0.4181  0.0535  0.0014  0.0040  0.0000  0.0102  0.0005  0.0004 | 1.0779  0.1725  -0.0003  -0.0125  -0.0000  -0.0021  -0.0016  -0.0004 | -0.4419  -0.0813  0.0015  -0.0014  0.0000  0.0109  -0.0002  0.0002 |
| 3.925 | 3.800 | 1  2  3  4  5  6  7  8 | -0.6429  -0.1562  -0.0016  -0.0120  -0.0000  -0.0117  -0.0015  -0.0004 | 0.8888  0.4810  -0.0024  -0.0143  -0.0000  -0.0180  -0.0018  -0.0005 | 0.3768  0.0425  0.0018  0.0059  0.0000  0.0135  0.0007  0.0005 | 0.9218  0.0762  -0.0001  -0.0110  -0.0000  -0.0009  -0.0014  -0.0004 | -0.5497  -0.1047  0.0010  -0.0033  0.0000  0.0076  -0.0004  0.0000 |
| 3.925 | 4.050 | 1  2  3  4  5  6  7  8 | -0.4665  -0.0895  -0.0014  -0.0096  -0.0000  -0.0106  -0.0012  -0.0003 | 1.1764  0.6129  -0.0032  -0.0190  -0.0000  -0.0243  -0.0024  -0.0008 | 0.3253  0.0274  0.0021  0.0075  0.0000  0.0159  0.0009  0.0006 | 0.7055  -0.0483  0.0003  -0.0080  -0.0000  0.0025  -0.0010  -0.0003 | -0.6295  -0.1159  0.0004  -0.0057  -0.0000  0.0033  -0.0007  -0.0001 |
| 3.925 | 4.300 | 1  2  3  4  5  6  7  8 | -0.2630  -0.0067  -0.0010  -0.0069  -0.0000  -0.0079  -0.0009  -0.0002 | 1.4979  0.7606  -0.0041  -0.0236  -0.0001  -0.0305  -0.0029  -0.0010 | 0.2654  0.0102  0.0023  0.0081  0.0000  0.0169  0.0010  0.0006 | 0.4197  -0.2060  0.0012  -0.0031  -0.0000  0.0086  -0.0004  -0.0001 | -0.6746  -0.1112  -0.0002  -0.0084  -0.0000  -0.0014  -0.0011  -0.0003 |
| 3.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.0357  0.0885  -0.0008  -0.0095  -0.0000  -0.0056  -0.0012  -0.0003 | 1.8579  0.9275  -0.0048  -0.0272  -0.0001  -0.0357  -0.0034  -0.0012 | 0.2002  -0.0062  0.0021  0.0073  0.0000  0.0160  0.0009  0.0006 | 0.0530  -0.4038  0.0024  0.0039  0.0000  0.0177  0.0005  0.0002 | -0.6783  -0.0876  -0.0008  -0.0112  -0.0000  -0.0059  -0.0014  -0.0004 |
| 3.925 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2169  0.1853  -0.0021  -0.0470  -0.0001  -0.0154  -0.0059  -0.0019 | 2.2548  1.1151  -0.0053  -0.0286  -0.0001  -0.0397  -0.0036  -0.0013 | 0.1346  -0.0181  0.0017  0.0052  0.0000  0.0131  0.0007  0.0004 | -0.4092  -0.6495  0.0039  0.0126  0.0000  0.0293  0.0016  0.0006 | -0.6341  -0.0434  -0.0014  -0.0160  -0.0000  -0.0103  -0.0020  -0.0007 |
| 3.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.5255  0.2237  -0.0132  -0.2845  -0.0008  -0.0989  -0.0355  -0.0124 | 2.6472  1.3257  -0.0061  -0.0236  -0.0001  -0.0454  -0.0029  -0.0012 | 0.0791  -0.0217  0.0011  0.0023  0.0000  0.0085  0.0003  0.0002 | -0.9815  -0.9516  0.0057  0.0220  0.0001  0.0428  0.0028  0.0011 | -0.5332  0.0191  -0.0025  -0.0367  -0.0001  -0.0188  -0.0046  -0.0016 |
| 3.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0179  0.0047  -0.0012  -0.0237  -0.0001  -0.0090  -0.0030  -0.0010 | 2.8329  1.4371  -0.0066  -0.0187  -0.0001  -0.0493  -0.0023  -0.0010 | 0.0006  -0.0002  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -2.0250  -1.4919  0.0084  0.0303  0.0001  0.0631  0.0038  0.0016 | -0.1526  0.0144  -0.0018  -0.0329  -0.0001  -0.0138  -0.0041  -0.0014 |
| 4.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0223  -0.0029  0.0017  -0.0270  0.0001  0.0129  -0.0034  0.0011 | -3.2652  -1.6660  -0.0056  0.0083  -0.0000  -0.0423  0.0010  -0.0005 | -0.0004  0.0001  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -2.2730  -1.9404  -0.0073  0.0076  -0.0000  -0.0548  0.0009  -0.0007 | 0.1495  0.0008  -0.0025  0.0366  -0.0001  -0.0184  0.0046  -0.0014 |
| 4.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4476  -0.0119  0.0207  -0.3366  0.0008  0.1550  -0.0420  0.0132 | -2.9707  -1.5957  -0.0048  0.0098  -0.0000  -0.0360  0.0012  -0.0004 | 0.0744  -0.0168  -0.0008  0.0000  -0.0000  -0.0058  0.0000  -0.0001 | -1.0768  -1.3103  -0.0051  0.0043  -0.0000  -0.0381  0.0005  -0.0005 | 0.5062  -0.0000  -0.0028  0.0362  -0.0001  -0.0207  0.0045  -0.0013 |
| 4.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.2286  0.0283  0.0036  -0.0596  0.0001  0.0267  -0.0074  0.0022 | -2.4545  -1.4309  -0.0038  0.0115  -0.0000  -0.0286  0.0014  -0.0004 | 0.1533  -0.0302  -0.0011  0.0006  -0.0000  -0.0083  0.0001  -0.0002 | -0.4670  -0.9199  -0.0039  0.0010  -0.0000  -0.0289  0.0001  -0.0003 | 0.6006  0.0184  -0.0011  0.0116  -0.0000  -0.0084  0.0014  -0.0003 |
| 4.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0086  0.0150  0.0008  -0.0121  0.0000  0.0061  -0.0015  0.0003 | -2.0396  -1.2362  -0.0035  0.0112  -0.0000  -0.0266  0.0014  -0.0003 | 0.2342  -0.0357  -0.0014  0.0014  -0.0000  -0.0104  0.0002  -0.0002 | 0.0285  -0.5816  -0.0027  -0.0025  -0.0000  -0.0205  -0.0003  -0.0002 | 0.6425  0.0398  -0.0006  0.0071  -0.0000  -0.0045  0.0009  -0.0001 |
| 4.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.1942  -0.0110  0.0006  -0.0055  0.0000  0.0044  -0.0007  0.0000 | -1.6733  -1.0365  -0.0032  0.0101  -0.0000  -0.0243  0.0013  -0.0003 | 0.3136  -0.0329  -0.0015  0.0020  -0.0000  -0.0115  0.0002  -0.0002 | 0.4286  -0.2996  -0.0018  -0.0056  -0.0000  -0.0133  -0.0007  -0.0001 | 0.6362  0.0586  -0.0002  0.0059  -0.0000  -0.0014  0.0007  -0.0000 |
| 4.175 | 1.550 | 1  2  3  4  5  6  7  8 | -0.3729  -0.0407  0.0007  -0.0060  0.0000  0.0055  -0.0007  0.0000 | -1.3441  -0.8405  -0.0028  0.0084  -0.0000  -0.0212  0.0010  -0.0002 | 0.3860  -0.0225  -0.0015  0.0022  -0.0000  -0.0114  0.0003  -0.0002 | 0.7474  -0.0733  -0.0010  -0.0081  -0.0000  -0.0077  -0.0010  -0.0000 | 0.5882  0.0719  0.0003  0.0049  0.0000  0.0019  0.0006  0.0001 |
| 4.175 | 1.800 | 1  2  3  4  5  6  7  8 | -0.5229  -0.0719  0.0008  -0.0074  0.0000  0.0062  -0.0009  0.0000 | -1.0455  -0.6522  -0.0024  0.0064  -0.0000  -0.0177  0.0008  -0.0002 | 0.4471  -0.0059  -0.0014  0.0022  -0.0000  -0.0102  0.0003  -0.0002 | 0.9967  0.1001  -0.0005  -0.0100  -0.0000  -0.0037  -0.0012  -0.0000 | 0.5058  0.0777  0.0007  0.0039  0.0000  0.0051  0.0005  0.0001 |
| 4.175 | 2.050 | 1  2  3  4  5  6  7  8 | -0.6408  -0.1028  0.0008  -0.0087  0.0000  0.0058  -0.0011  0.0000 | -0.7711  -0.4739  -0.0019  0.0044  -0.0000  -0.0144  0.0005  -0.0001 | 0.4945  0.0142  -0.0011  0.0020  -0.0000  -0.0082  0.0003  -0.0002 | 1.1854  0.2248  -0.0002  -0.0112  -0.0000  -0.0013  -0.0014  -0.0000 | 0.3968  0.0744  0.0011  0.0030  0.0000  0.0079  0.0004  0.0002 |
| 4.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.7237  -0.1311  0.0006  -0.0097  -0.0000  0.0044  -0.0012  -0.0000 | -0.5136  -0.3070  -0.0016  0.0023  -0.0000  -0.0117  0.0003  -0.0000 | 0.5271  0.0349  -0.0008  0.0018  -0.0000  -0.0057  0.0002  -0.0001 | 1.3195  0.3058  -0.0000  -0.0119  -0.0000  -0.0001  -0.0015  -0.0000 | 0.2690  0.0618  0.0013  0.0022  0.0000  0.0101  0.0003  0.0002 |
| 4.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.7700  -0.1541  0.0003  -0.0104  -0.0000  0.0021  -0.0013  -0.0001 | -0.2657  -0.1514  -0.0013  0.0002  -0.0000  -0.0099  0.0000  -0.0000 | 0.5448  0.0533  -0.0004  0.0018  -0.0000  -0.0028  0.0002  -0.0000 | 1.4026  0.3483  0.0000  -0.0122  -0.0000  0.0003  -0.0015  -0.0001 | 0.1296  0.0408  0.0015  0.0014  0.0000  0.0114  0.0002  0.0002 |
| 4.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.7797  -0.1685  -0.0001  -0.0109  -0.0000  -0.0005  -0.0014  -0.0001 | -0.0204  -0.0059  -0.0013  -0.0019  -0.0000  -0.0094  -0.0002  -0.0000 | 0.5480  0.0670  0.0000  0.0022  0.0000  0.0003  0.0003  0.0001 | 1.4357  0.3570  0.0000  -0.0123  -0.0000  0.0002  -0.0015  -0.0002 | -0.0144  0.0136  0.0016  0.0007  0.0000  0.0120  0.0001  0.0002 |
| 4.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.7535  -0.1716  -0.0004  -0.0110  -0.0000  -0.0031  -0.0014  -0.0002 | 0.2288  0.1324  -0.0014  -0.0042  -0.0000  -0.0101  -0.0005  -0.0001 | 0.5371  0.0745  0.0005  0.0029  0.0000  0.0035  0.0004  0.0002 | 1.4186  0.3351  0.0000  -0.0121  -0.0000  0.0001  -0.0015  -0.0002 | -0.1565  -0.0171  0.0016  -0.0001  0.0000  0.0117  -0.0000  0.0002 |
| 4.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.6932  -0.1610  -0.0007  -0.0106  -0.0000  -0.0053  -0.0013  -0.0002 | 0.4877  0.2672  -0.0016  -0.0069  -0.0000  -0.0121  -0.0009  -0.0002 | 0.5124  0.0750  0.0009  0.0040  0.0000  0.0067  0.0005  0.0003 | 1.3491  0.2847  0.0000  -0.0116  -0.0000  0.0003  -0.0014  -0.0003 | -0.2906  -0.0476  0.0014  -0.0012  0.0000  0.0106  -0.0001  0.0002 |
| 4.175 | 3.550 | 1  2  3  4  5  6  7  8 | -0.6011  -0.1357  -0.0009  -0.0097  -0.0000  -0.0066  -0.0012  -0.0002 | 0.7619  0.4029  -0.0020  -0.0099  -0.0000  -0.0152  -0.0012  -0.0003 | 0.4744  0.0687  0.0013  0.0052  0.0000  0.0096  0.0006  0.0004 | 1.2236  0.2060  0.0002  -0.0104  -0.0000  0.0013  -0.0013  -0.0003 | -0.4103  -0.0745  0.0011  -0.0026  0.0000  0.0085  -0.0003  0.0001 |
| 4.175 | 3.800 | 1  2  3  4  5  6  7  8 | -0.4800  -0.0956  -0.0009  -0.0080  -0.0000  -0.0066  -0.0010  -0.0002 | 1.0565  0.5438  -0.0025  -0.0132  -0.0000  -0.0190  -0.0016  -0.0005 | 0.4241  0.0565  0.0016  0.0063  0.0000  0.0121  0.0008  0.0005 | 1.0370  0.0975  0.0005  -0.0084  -0.0000  0.0036  -0.0010  -0.0003 | -0.5094  -0.0940  0.0008  -0.0043  -0.0000  0.0057  -0.0005  -0.0000 |
| 4.175 | 4.050 | 1  2  3  4  5  6  7  8 | -0.3331  -0.0416  -0.0007  -0.0056  -0.0000  -0.0054  -0.0007  -0.0001 | 1.3765  0.6942  -0.0031  -0.0164  -0.0000  -0.0230  -0.0021  -0.0007 | 0.3631  0.0397  0.0018  0.0069  0.0000  0.0137  0.0009  0.0005 | 0.7822  -0.0437  0.0010  -0.0051  -0.0000  0.0077  -0.0006  -0.0002 | -0.5818  -0.1026  0.0003  -0.0062  -0.0000  0.0023  -0.0008  -0.0001 |
| 4.175 | 4.300 | 1  2  3  4  5  6  7  8 | -0.1638  0.0245  -0.0004  -0.0036  -0.0000  -0.0033  -0.0004  -0.0000 | 1.7263  0.8581  -0.0036  -0.0192  -0.0001  -0.0267  -0.0024  -0.0008 | 0.2937  0.0204  0.0019  0.0068  0.0000  0.0140  0.0009  0.0005 | 0.4503  -0.2222  0.0018  -0.0006  0.0000  0.0136  -0.0001  0.0000 | -0.6216  -0.0972  -0.0002  -0.0082  -0.0000  -0.0013  -0.0010  -0.0002 |
| 4.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0252  0.0993  -0.0003  -0.0074  -0.0000  -0.0023  -0.0009  -0.0002 | 2.1100  1.0402  -0.0039  -0.0210  -0.0001  -0.0294  -0.0026  -0.0009 | 0.2196  0.0013  0.0017  0.0057  0.0000  0.0129  0.0007  0.0004 | 0.0307  -0.4439  0.0029  0.0054  0.0000  0.0215  0.0007  0.0003 | -0.6233  -0.0754  -0.0006  -0.0101  -0.0000  -0.0045  -0.0013  -0.0004 |
| 4.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2363  0.1713  -0.0017  -0.0478  -0.0001  -0.0125  -0.0060  -0.0019 | 2.5366  1.2465  -0.0042  -0.0209  -0.0001  -0.0317  -0.0026  -0.0009 | 0.1449  -0.0149  0.0014  0.0038  0.0000  0.0105  0.0005  0.0003 | -0.4889  -0.7164  0.0041  0.0123  0.0000  0.0309  0.0015  0.0006 | -0.5814  -0.0359  -0.0010  -0.0143  -0.0000  -0.0076  -0.0018  -0.0006 |
| 4.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.4987  0.1788  -0.0118  -0.2937  -0.0008  -0.0882  -0.0367  -0.0127 | 3.0555  1.4856  -0.0053  -0.0159  -0.0000  -0.0398  -0.0020  -0.0007 | 0.0719  -0.0239  0.0010  0.0013  0.0000  0.0072  0.0002  0.0002 | -1.1241  -1.0504  0.0055  0.0193  0.0001  0.0414  0.0024  0.0010 | -0.4888  0.0177  -0.0020  -0.0358  -0.0001  -0.0150  -0.0045  -0.0015 |
| 4.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0167  0.0027  -0.0010  -0.0242  -0.0001  -0.0079  -0.0030  -0.0011 | 3.3486  1.6145  -0.0062  -0.0115  -0.0000  -0.0466  -0.0014  -0.0006 | -0.0003  -0.0002  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -2.3532  -1.6554  0.0080  0.0246  0.0001  0.0600  0.0031  0.0013 | -0.1403  0.0116  -0.0016  -0.0337  -0.0001  -0.0118  -0.0042  -0.0014 |
| 4.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0201  -0.0013  0.0016  -0.0273  0.0001  0.0119  -0.0034  0.0010 | -3.2819  -1.7287  -0.0043  0.0013  -0.0000  -0.0321  0.0002  -0.0002 | 0.0007  -0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -2.4358  -1.9920  -0.0068  0.0040  -0.0000  -0.0509  0.0005  -0.0005 | 0.1346  0.0021  -0.0022  0.0361  -0.0001  -0.0164  0.0045  -0.0013 |
| 4.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.4231  0.0267  0.0194  -0.3414  0.0008  0.1453  -0.0426  0.0132 | -3.0999  -1.6422  -0.0038  0.0045  -0.0000  -0.0287  0.0006  -0.0002 | 0.0924  -0.0129  -0.0006  -0.0003  -0.0000  -0.0045  -0.0000  -0.0001 | -1.2278  -1.3399  -0.0051  0.0032  -0.0000  -0.0381  0.0004  -0.0004 | 0.4554  0.0073  -0.0024  0.0354  -0.0001  -0.0177  0.0044  -0.0012 |
| 4.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.2414  0.0325  0.0033  -0.0602  0.0001  0.0249  -0.0075  0.0022 | -2.7007  -1.4590  -0.0033  0.0083  -0.0000  -0.0246  0.0010  -0.0003 | 0.1595  -0.0201  -0.0009  0.0006  -0.0000  -0.0068  0.0001  -0.0001 | -0.5509  -0.9454  -0.0040  0.0005  -0.0000  -0.0302  0.0001  -0.0003 | 0.5399  0.0234  -0.0009  0.0109  -0.0000  -0.0065  0.0014  -0.0002 |
| 4.425 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0621  0.0114  0.0006  -0.0114  0.0000  0.0046  -0.0014  0.0003 | -2.2781  -1.2635  -0.0031  0.0085  -0.0000  -0.0233  0.0011  -0.0003 | 0.2407  -0.0213  -0.0011  0.0014  -0.0000  -0.0085  0.0002  -0.0002 | 0.0076  -0.6039  -0.0031  -0.0023  -0.0000  -0.0230  -0.0003  -0.0002 | 0.5786  0.0395  -0.0004  0.0065  -0.0000  -0.0033  0.0008  -0.0000 |
| 4.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.1034  -0.0127  0.0003  -0.0042  -0.0000  0.0023  -0.0005  -0.0000 | -1.8848  -1.0672  -0.0029  0.0078  -0.0000  -0.0220  0.0010  -0.0002 | 0.3231  -0.0160  -0.0013  0.0021  -0.0000  -0.0094  0.0003  -0.0002 | 0.4619  -0.3167  -0.0022  -0.0049  -0.0000  -0.0166  -0.0006  -0.0002 | 0.5749  0.0528  -0.0001  0.0055  0.0000  -0.0010  0.0007  0.0000 |
| 4.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.2501  -0.0367  0.0004  -0.0044  -0.0000  0.0028  -0.0005  -0.0001 | -1.5238  -0.8747  -0.0027  0.0066  -0.0000  -0.0202  0.0008  -0.0002 | 0.3996  -0.0049  -0.0013  0.0026  -0.0000  -0.0095  0.0003  -0.0002 | 0.8265  -0.0828  -0.0015  -0.0071  -0.0000  -0.0113  -0.0009  -0.0001 | 0.5337  0.0614  0.0002  0.0047  0.0000  0.0015  0.0006  0.0000 |
| 4.425 | 1.800 | 1  2  3  4  5  6  7  8 | -0.3740  -0.0600  0.0004  -0.0056  -0.0000  0.0033  -0.0007  -0.0000 | -1.1903  -0.6881  -0.0024  0.0052  -0.0000  -0.0180  0.0006  -0.0002 | 0.4654  0.0107  -0.0011  0.0029  -0.0000  -0.0086  0.0004  -0.0002 | 1.1128  0.1000  -0.0010  -0.0088  -0.0000  -0.0072  -0.0011  -0.0001 | 0.4610  0.0638  0.0005  0.0039  0.0000  0.0040  0.0005  0.0001 |
| 4.425 | 2.050 | 1  2  3  4  5  6  7  8 | -0.4722  -0.0815  0.0004  -0.0068  -0.0000  0.0032  -0.0009  -0.0000 | -0.8785  -0.5088  -0.0021  0.0035  -0.0000  -0.0159  0.0004  -0.0001 | 0.5175  0.0289  -0.0009  0.0030  -0.0000  -0.0070  0.0004  -0.0001 | 1.3294  0.2351  -0.0006  -0.0100  -0.0000  -0.0042  -0.0013  -0.0001 | 0.3634  0.0592  0.0008  0.0030  0.0000  0.0062  0.0004  0.0001 |
| 4.425 | 2.300 | 1  2  3  4  5  6  7  8 | -0.5422  -0.1000  0.0003  -0.0078  -0.0000  0.0025  -0.0010  -0.0001 | -0.5823  -0.3373  -0.0019  0.0017  -0.0000  -0.0141  0.0002  -0.0001 | 0.5542  0.0473  -0.0006  0.0032  -0.0000  -0.0048  0.0004  -0.0001 | 1.4823  0.3263  -0.0003  -0.0108  -0.0000  -0.0022  -0.0014  -0.0001 | 0.2476  0.0473  0.0011  0.0021  0.0000  0.0080  0.0003  0.0001 |
| 4.425 | 2.550 | 1  2  3  4  5  6  7  8 | -0.5824  -0.1138  0.0002  -0.0084  -0.0000  0.0012  -0.0011  -0.0001 | -0.2954  -0.1734  -0.0017  -0.0002  -0.0000  -0.0129  -0.0000  -0.0001 | 0.5747  0.0634  -0.0003  0.0034  0.0000  -0.0023  0.0004  0.0000 | 1.5755  0.3772  -0.0001  -0.0112  -0.0000  -0.0009  -0.0014  -0.0001 | 0.1205  0.0290  0.0012  0.0012  0.0000  0.0092  0.0002  0.0002 |
| 4.425 | 2.800 | 1  2  3  4  5  6  7  8 | -0.5923  -0.1208  -0.0001  -0.0087  -0.0000  -0.0004  -0.0011  -0.0001 | -0.0119  -0.0160  -0.0017  -0.0022  -0.0000  -0.0126  -0.0003  -0.0001 | 0.5789  0.0752  0.0001  0.0037  0.0000  0.0005  0.0005  0.0001 | 1.6105  0.3914  0.0000  -0.0112  -0.0000  0.0000  -0.0014  -0.0002 | -0.0114  0.0059  0.0013  0.0003  0.0000  0.0097  0.0000  0.0001 |
| 4.425 | 3.050 | 1  2  3  4  5  6  7  8 | -0.5723  -0.1194  -0.0003  -0.0086  -0.0000  -0.0019  -0.0011  -0.0001 | 0.2742  0.1367  -0.0018  -0.0044  -0.0000  -0.0131  -0.0006  -0.0002 | 0.5671  0.0813  0.0005  0.0043  0.0000  0.0034  0.0005  0.0002 | 1.5872  0.3715  0.0001  -0.0108  -0.0000  0.0010  -0.0013  -0.0002 | -0.1418  -0.0197  0.0013  -0.0007  0.0000  0.0094  -0.0001  0.0001 |
| 4.425 | 3.300 | 1  2  3  4  5  6  7  8 | -0.5237  -0.1080  -0.0004  -0.0080  -0.0000  -0.0031  -0.0010  -0.0001 | 0.5684  0.2875  -0.0019  -0.0068  -0.0000  -0.0146  -0.0008  -0.0002 | 0.5399  0.0809  0.0008  0.0050  0.0000  0.0061  0.0006  0.0003 | 1.5039  0.3188  0.0003  -0.0099  -0.0000  0.0022  -0.0012  -0.0002 | -0.2645  -0.0450  0.0011  -0.0019  0.0000  0.0083  -0.0002  0.0001 |
| 4.425 | 3.550 | 1  2  3  4  5  6  7  8 | -0.4484  -0.0857  -0.0005  -0.0069  -0.0000  -0.0036  -0.0009  -0.0001 | 0.8758  0.4396  -0.0022  -0.0092  -0.0000  -0.0167  -0.0012  -0.0003 | 0.4982  0.0739  0.0011  0.0057  0.0000  0.0086  0.0007  0.0003 | 1.3570  0.2335  0.0006  -0.0085  -0.0000  0.0042  -0.0011  -0.0002 | -0.3737  -0.0669  0.0009  -0.0033  0.0000  0.0066  -0.0004  0.0000 |
| 4.425 | 3.800 | 1  2  3  4  5  6  7  8 | -0.3489  -0.0525  -0.0004  -0.0052  -0.0000  -0.0033  -0.0006  -0.0001 | 1.2011  0.5964  -0.0026  -0.0116  -0.0000  -0.0192  -0.0015  -0.0004 | 0.4434  0.0612  0.0014  0.0062  0.0000  0.0104  0.0008  0.0004 | 1.1415  0.1142  0.0010  -0.0062  -0.0000  0.0072  -0.0008  -0.0001 | -0.4636  -0.0824  0.0006  -0.0048  -0.0000  0.0043  -0.0006  -0.0001 |
| 4.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.2280  -0.0092  -0.0003  -0.0031  0.0000  -0.0022  -0.0004  0.0000 | 1.5486  0.7612  -0.0029  -0.0138  -0.0000  -0.0216  -0.0017  -0.0005 | 0.3778  0.0440  0.0015  0.0062  0.0000  0.0115  0.0008  0.0004 | 0.8507  -0.0417  0.0015  -0.0031  -0.0000  0.0116  -0.0004  -0.0000 | -0.5285  -0.0883  0.0002  -0.0062  -0.0000  0.0017  -0.0008  -0.0001 |
| 4.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.0888  0.0426  -0.0001  -0.0017  0.0000  -0.0008  -0.0002  0.0001 | 1.9224  0.9375  -0.0032  -0.0154  -0.0000  -0.0237  -0.0019  -0.0006 | 0.3041  0.0245  0.0015  0.0057  0.0000  0.0115  0.0007  0.0004 | 0.4761  -0.2383  0.0023  0.0010  0.0000  0.0172  0.0001  0.0001 | -0.5634  -0.0821  -0.0001  -0.0076  -0.0000  -0.0009  -0.0009  -0.0002 |
| 4.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0660  0.0984  -0.0001  -0.0067  -0.0000  -0.0007  -0.0008  -0.0001 | 2.3268  1.1292  -0.0033  -0.0161  -0.0000  -0.0250  -0.0020  -0.0007 | 0.2262  0.0050  0.0014  0.0045  0.0000  0.0104  0.0006  0.0003 | 0.0075  -0.4809  0.0032  0.0059  0.0000  0.0241  0.0007  0.0003 | -0.5635  -0.0616  -0.0004  -0.0089  -0.0000  -0.0032  -0.0011  -0.0003 |
| 4.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2387  0.1420  -0.0014  -0.0493  -0.0001  -0.0105  -0.0062  -0.0020 | 2.7607  1.3439  -0.0035  -0.0154  -0.0000  -0.0263  -0.0019  -0.0006 | 0.1497  -0.0115  0.0011  0.0028  0.0000  0.0084  0.0003  0.0002 | -0.5679  -0.7761  0.0043  0.0113  0.0000  0.0320  0.0014  0.0006 | -0.5246  -0.0262  -0.0007  -0.0127  -0.0000  -0.0055  -0.0016  -0.0005 |
| 4.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.4576  0.1032  -0.0102  -0.3017  -0.0008  -0.0765  -0.0377  -0.0130 | 3.1843  1.6005  -0.0043  -0.0110  -0.0000  -0.0320  -0.0014  -0.0005 | 0.0852  -0.0224  0.0008  0.0009  0.0000  0.0058  0.0001  0.0001 | -1.2639  -1.1351  0.0054  0.0164  0.0001  0.0405  0.0020  0.0008 | -0.4411  0.0185  -0.0015  -0.0339  -0.0001  -0.0115  -0.0042  -0.0014 |
| 4.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0153  -0.0002  -0.0009  -0.0247  -0.0001  -0.0067  -0.0031  -0.0011 | 3.3841  1.7426  -0.0049  -0.0074  -0.0000  -0.0369  -0.0009  -0.0004 | 0.0006  -0.0003  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -2.5112  -1.7881  0.0074  0.0199  0.0001  0.0553  0.0025  0.0010 | -0.1266  0.0095  -0.0013  -0.0329  -0.0001  -0.0096  -0.0041  -0.0014 |
| 4.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0182  -0.0010  0.0015  -0.0278  0.0001  0.0110  -0.0035  0.0011 | -3.7778  -1.8038  -0.0047  -0.0021  -0.0000  -0.0354  -0.0003  -0.0001 | -0.0004  -0.0001  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -2.7374  -2.0420  -0.0069  0.0017  -0.0000  -0.0516  0.0002  -0.0004 | 0.1202  0.0034  -0.0020  0.0373  -0.0001  -0.0152  0.0047  -0.0014 |
| 4.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.3850  0.0309  0.0181  -0.3484  0.0008  0.1358  -0.0435  0.0133 | -3.4698  -1.6991  -0.0039  0.0015  -0.0000  -0.0294  0.0002  -0.0001 | 0.0749  -0.0137  -0.0006  -0.0004  -0.0000  -0.0042  -0.0001  -0.0000 | -1.3496  -1.3643  -0.0051  0.0021  -0.0000  -0.0379  0.0003  -0.0004 | 0.4047  0.0115  -0.0021  0.0359  -0.0001  -0.0158  0.0045  -0.0012 |
| 4.675 | 0.800 | 1  2  3  4  5  6  7  8 | 0.2391  0.0286  0.0031  -0.0612  0.0001  0.0233  -0.0076  0.0022 | -2.9248  -1.4918  -0.0030  0.0058  -0.0000  -0.0224  0.0007  -0.0002 | 0.1546  -0.0144  -0.0008  0.0005  -0.0000  -0.0057  0.0001  -0.0001 | -0.6197  -0.9647  -0.0041  -0.0000  -0.0000  -0.0310  -0.0000  -0.0003 | 0.4788  0.0246  -0.0007  0.0104  -0.0000  -0.0052  0.0013  -0.0002 |
| 4.675 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0948  0.0086  0.0005  -0.0111  0.0000  0.0038  -0.0014  0.0003 | -2.4740  -1.2897  -0.0028  0.0063  -0.0000  -0.0212  0.0008  -0.0002 | 0.2365  -0.0112  -0.0009  0.0014  -0.0000  -0.0069  0.0002  -0.0001 | -0.0118  -0.6198  -0.0033  -0.0023  -0.0000  -0.0248  -0.0003  -0.0002 | 0.5140  0.0366  -0.0003  0.0059  -0.0000  -0.0024  0.0007  -0.0000 |
| 4.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0385  -0.0118  0.0001  -0.0034  -0.0000  0.0010  -0.0004  -0.0000 | -2.0612  -1.0931  -0.0027  0.0058  -0.0000  -0.0204  0.0007  -0.0002 | 0.3184  -0.0038  -0.0010  0.0022  -0.0000  -0.0076  0.0003  -0.0001 | 0.4893  -0.3280  -0.0025  -0.0045  -0.0000  -0.0191  -0.0006  -0.0002 | 0.5122  0.0458  -0.0001  0.0050  0.0000  -0.0006  0.0006  0.0000 |
| 4.675 | 1.550 | 1  2  3  4  5  6  7  8 | -0.1572  -0.0309  0.0001  -0.0032  -0.0000  0.0011  -0.0004  -0.0001 | -1.6761  -0.9015  -0.0026  0.0050  -0.0000  -0.0194  0.0006  -0.0002 | 0.3949  0.0077  -0.0010  0.0028  -0.0000  -0.0077  0.0003  -0.0001 | 0.8951  -0.0879  -0.0019  -0.0063  -0.0000  -0.0140  -0.0008  -0.0001 | 0.4772  0.0509  0.0002  0.0044  0.0000  0.0012  0.0005  0.0000 |
| 4.675 | 1.800 | 1  2  3  4  5  6  7  8 | -0.2582  -0.0481  0.0002  -0.0042  -0.0000  0.0015  -0.0005  -0.0001 | -1.3144  -0.7149  -0.0024  0.0039  -0.0000  -0.0181  0.0005  -0.0002 | 0.4616  0.0223  -0.0009  0.0033  -0.0000  -0.0070  0.0004  -0.0001 | 1.2153  0.1025  -0.0013  -0.0078  -0.0000  -0.0099  -0.0010  -0.0001 | 0.4138  0.0510  0.0004  0.0037  0.0000  0.0031  0.0005  0.0001 |
| 4.675 | 2.050 | 1  2  3  4  5  6  7  8 | -0.3388  -0.0631  0.0002  -0.0052  -0.0000  0.0015  -0.0007  -0.0001 | -0.9717  -0.5337  -0.0022  0.0026  -0.0000  -0.0168  0.0003  -0.0001 | 0.5151  0.0385  -0.0008  0.0036  -0.0000  -0.0057  0.0005  -0.0001 | 1.4580  0.2457  -0.0009  -0.0089  -0.0000  -0.0065  -0.0011  -0.0001 | 0.3275  0.0456  0.0007  0.0028  0.0000  0.0049  0.0004  0.0001 |
| 4.675 | 2.300 | 1  2  3  4  5  6  7  8 | -0.3968  -0.0749  0.0002  -0.0060  -0.0000  0.0012  -0.0008  -0.0001 | -0.6429  -0.3579  -0.0021  0.0010  -0.0000  -0.0157  0.0001  -0.0001 | 0.5534  0.0544  -0.0005  0.0039  -0.0000  -0.0039  0.0005  -0.0000 | 1.6290  0.3445  -0.0005  -0.0096  -0.0000  -0.0039  -0.0012  -0.0001 | 0.2243  0.0347  0.0008  0.0019  0.0000  0.0063  0.0002  0.0001 |
| 4.675 | 2.550 | 1  2  3  4  5  6  7  8 | -0.4308  -0.0826  0.0001  -0.0066  -0.0000  0.0005  -0.0008  -0.0001 | -0.3228  -0.1872  -0.0020  -0.0006  -0.0000  -0.0149  -0.0001  -0.0001 | 0.5753  0.0681  -0.0002  0.0043  0.0000  -0.0017  0.0005  0.0000 | 1.7321  0.4018  -0.0002  -0.0100  -0.0000  -0.0018  -0.0012  -0.0001 | 0.1103  0.0189  0.0010  0.0010  0.0000  0.0072  0.0001  0.0001 |
| 4.675 | 2.800 | 1  2  3  4  5  6  7  8 | -0.4402  -0.0850  -0.0000  -0.0067  -0.0000  -0.0003  -0.0008  -0.0001 | -0.0062  -0.0207  -0.0020  -0.0024  -0.0000  -0.0148  -0.0003  -0.0001 | 0.5802  0.0777  0.0001  0.0046  0.0000  0.0007  0.0006  0.0001 | 1.7692  0.4201  -0.0000  -0.0099  -0.0000  -0.0000  -0.0012  -0.0001 | -0.0085  -0.0004  0.0010  -0.0000  0.0000  0.0076  -0.0000  0.0001 |
| 4.675 | 3.050 | 1  2  3  4  5  6  7  8 | -0.4250  -0.0809  -0.0001  -0.0065  -0.0000  -0.0010  -0.0008  -0.0001 | 0.3120  0.1430  -0.0020  -0.0043  -0.0000  -0.0152  -0.0005  -0.0002 | 0.5685  0.0821  0.0004  0.0051  0.0000  0.0031  0.0006  0.0002 | 1.7405  0.4013  0.0002  -0.0094  -0.0000  0.0018  -0.0012  -0.0001 | -0.1262  -0.0214  0.0010  -0.0011  0.0000  0.0073  -0.0001  0.0001 |
| 4.675 | 3.300 | 1  2  3  4  5  6  7  8 | -0.3863  -0.0695  -0.0002  -0.0058  -0.0000  -0.0016  -0.0007  -0.0001 | 0.6369  0.3061  -0.0022  -0.0063  -0.0000  -0.0162  -0.0008  -0.0002 | 0.5406  0.0806  0.0007  0.0055  0.0000  0.0054  0.0007  0.0002 | 1.6442  0.3464  0.0005  -0.0083  -0.0000  0.0039  -0.0010  -0.0001 | -0.2369  -0.0418  0.0009  -0.0023  0.0000  0.0065  -0.0003  0.0000 |
| 4.675 | 3.550 | 1  2  3  4  5  6  7  8 | -0.3255  -0.0502  -0.0002  -0.0047  -0.0000  -0.0016  -0.0006  -0.0000 | 0.9729  0.4709  -0.0023  -0.0082  -0.0000  -0.0175  -0.0010  -0.0003 | 0.4979  0.0731  0.0010  0.0058  0.0000  0.0073  0.0007  0.0003 | 1.4773  0.2552  0.0009  -0.0068  -0.0000  0.0065  -0.0008  -0.0001 | -0.3351  -0.0591  0.0007  -0.0036  -0.0000  0.0051  -0.0004  -0.0000 |
| 4.675 | 3.800 | 1  2  3  4  5  6  7  8 | -0.2447  -0.0231  -0.0002  -0.0032  0.0000  -0.0013  -0.0004  0.0000 | 1.3243  0.6400  -0.0025  -0.0099  -0.0000  -0.0191  -0.0012  -0.0004 | 0.4421  0.0603  0.0012  0.0058  0.0000  0.0087  0.0007  0.0003 | 1.2350  0.1266  0.0013  -0.0045  -0.0000  0.0100  -0.0006  -0.0001 | -0.4155  -0.0707  0.0004  -0.0048  -0.0000  0.0033  -0.0006  -0.0001 |
| 4.675 | 4.050 | 1  2  3  4  5  6  7  8 | -0.1463  0.0113  -0.0001  -0.0015  0.0000  -0.0004  -0.0002  0.0001 | 1.6947  0.8160  -0.0027  -0.0113  -0.0000  -0.0205  -0.0014  -0.0004 | 0.3756  0.0436  0.0013  0.0055  0.0000  0.0094  0.0007  0.0003 | 0.9111  -0.0420  0.0019  -0.0016  0.0000  0.0144  -0.0002  0.0000 | -0.4731  -0.0742  0.0002  -0.0059  -0.0000  0.0013  -0.0007  -0.0001 |
| 4.675 | 4.300 | 1  2  3  4  5  6  7  8 | -0.0332  0.0514  0.0001  -0.0008  0.0000  0.0005  -0.0001  0.0001 | 2.0873  1.0013  -0.0029  -0.0122  -0.0000  -0.0215  -0.0015  -0.0005 | 0.3016  0.0250  0.0012  0.0047  0.0000  0.0093  0.0006  0.0003 | 0.4978  -0.2543  0.0026  0.0020  0.0000  0.0198  0.0002  0.0002 | -0.5034  -0.0674  -0.0001  -0.0069  -0.0000  -0.0005  -0.0009  -0.0002 |
| 4.675 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0920  0.0930  0.0000  -0.0067  -0.0000  0.0000  -0.0008  -0.0001 | 2.5052  1.1971  -0.0029  -0.0124  -0.0000  -0.0221  -0.0015  -0.0005 | 0.2242  0.0073  0.0011  0.0036  0.0000  0.0084  0.0004  0.0002 | -0.0139  -0.5151  0.0035  0.0060  0.0000  0.0259  0.0007  0.0003 | -0.5025  -0.0487  -0.0003  -0.0079  -0.0000  -0.0021  -0.0010  -0.0002 |
| 4.675 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2294  0.1215  -0.0012  -0.0507  -0.0001  -0.0087  -0.0063  -0.0020 | 2.9584  1.3991  -0.0031  -0.0117  -0.0000  -0.0232  -0.0015  -0.0004 | 0.1473  -0.0057  0.0009  0.0022  0.0000  0.0070  0.0003  0.0002 | -0.6338  -0.8300  0.0043  0.0101  0.0000  0.0325  0.0013  0.0005 | -0.4670  -0.0179  -0.0005  -0.0116  -0.0000  -0.0039  -0.0015  -0.0004 |
| 4.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.3983  0.0736  -0.0085  -0.3061  -0.0008  -0.0636  -0.0382  -0.0130 | 3.5073  1.5836  -0.0043  -0.0103  -0.0000  -0.0322  -0.0013  -0.0005 | 0.0718  -0.0088  0.0007  0.0010  0.0000  0.0053  0.0001  0.0001 | -1.3754  -1.2022  0.0053  0.0138  0.0000  0.0396  0.0017  0.0007 | -0.3929  0.0190  -0.0012  -0.0338  -0.0001  -0.0090  -0.0042  -0.0013 |
| 4.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0147  -0.0008  -0.0007  -0.0248  -0.0001  -0.0055  -0.0031  -0.0011 | 3.8187  1.6666  -0.0054  -0.0096  -0.0000  -0.0401  -0.0012  -0.0005 | -0.0004  0.0001  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -2.7799  -1.8277  0.0074  0.0177  0.0001  0.0552  0.0022  0.0009 | -0.1132  0.0083  -0.0010  -0.0337  -0.0001  -0.0079  -0.0042  -0.0014 |
| 4.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0165  -0.0022  0.0013  -0.0282  0.0001  0.0101  -0.0035  0.0011 | -3.7126  -1.8732  -0.0041  -0.0012  -0.0000  -0.0307  -0.0001  -0.0001 | 0.0007  -0.0002  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -2.8384  -2.0885  -0.0067  0.0005  -0.0000  -0.0499  0.0001  -0.0004 | 0.1055  0.0043  -0.0018  0.0367  -0.0001  -0.0135  0.0046  -0.0013 |
| 4.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.3328  -0.0022  0.0167  -0.3543  0.0008  0.1253  -0.0443  0.0134 | -3.5166  -1.7494  -0.0035  0.0011  -0.0000  -0.0262  0.0001  -0.0001 | 0.0848  -0.0131  -0.0005  -0.0001  -0.0000  -0.0036  -0.0000  -0.0000 | -1.4675  -1.3855  -0.0051  0.0007  -0.0000  -0.0380  0.0001  -0.0003 | 0.3546  0.0127  -0.0018  0.0349  -0.0001  -0.0136  0.0044  -0.0011 |
| 4.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.2235  0.0145  0.0029  -0.0623  0.0001  0.0215  -0.0078  0.0023 | -3.0900  -1.5186  -0.0028  0.0039  -0.0000  -0.0209  0.0005  -0.0001 | 0.1486  -0.0094  -0.0006  0.0006  -0.0000  -0.0048  0.0001  -0.0001 | -0.6871  -0.9801  -0.0042  -0.0007  -0.0000  -0.0317  -0.0001  -0.0003 | 0.4192  0.0225  -0.0006  0.0096  -0.0000  -0.0041  0.0012  -0.0002 |
| 4.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1117  0.0044  0.0004  -0.0110  0.0000  0.0033  -0.0014  0.0003 | -2.6381  -1.3115  -0.0026  0.0044  -0.0000  -0.0199  0.0005  -0.0002 | 0.2256  -0.0037  -0.0008  0.0014  -0.0000  -0.0057  0.0002  -0.0001 | -0.0316  -0.6314  -0.0035  -0.0024  -0.0000  -0.0261  -0.0003  -0.0002 | 0.4509  0.0318  -0.0002  0.0053  -0.0000  -0.0018  0.0007  -0.0000 |
| 4.925 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0063  -0.0105  0.0000  -0.0028  -0.0000  0.0004  -0.0004  -0.0001 | -2.2089  -1.1144  -0.0026  0.0042  -0.0000  -0.0194  0.0005  -0.0002 | 0.3041  0.0049  -0.0008  0.0022  -0.0000  -0.0061  0.0003  -0.0001 | 0.5114  -0.3352  -0.0028  -0.0041  -0.0000  -0.0208  -0.0005  -0.0002 | 0.4507  0.0382  -0.0001  0.0044  0.0000  -0.0004  0.0005  0.0000 |
| 4.925 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0884  -0.0249  0.0000  -0.0023  -0.0000  0.0002  -0.0003  -0.0001 | -1.8040  -0.9225  -0.0025  0.0036  -0.0000  -0.0188  0.0004  -0.0002 | 0.3779  0.0163  -0.0008  0.0029  -0.0000  -0.0061  0.0004  -0.0001 | 0.9538  -0.0898  -0.0021  -0.0057  -0.0000  -0.0161  -0.0007  -0.0001 | 0.4213  0.0408  0.0001  0.0039  0.0000  0.0010  0.0005  0.0000 |
| 4.925 | 1.800 | 1  2  3  4  5  6  7  8 | -0.1695  -0.0375  0.0001  -0.0031  -0.0000  0.0004  -0.0004  -0.0001 | -1.4195  -0.7348  -0.0024  0.0028  -0.0000  -0.0181  0.0003  -0.0001 | 0.4428  0.0298  -0.0007  0.0034  -0.0000  -0.0056  0.0004  -0.0001 | 1.3047  0.1066  -0.0016  -0.0069  -0.0000  -0.0119  -0.0009  -0.0001 | 0.3667  0.0394  0.0003  0.0033  0.0000  0.0024  0.0004  0.0000 |
| 4.925 | 2.050 | 1  2  3  4  5  6  7  8 | -0.2346  -0.0477  0.0001  -0.0039  -0.0000  0.0005  -0.0005  -0.0001 | -1.0513  -0.5513  -0.0023  0.0017  -0.0000  -0.0174  0.0002  -0.0001 | 0.4954  0.0441  -0.0006  0.0039  -0.0000  -0.0045  0.0005  -0.0001 | 1.5713  0.2560  -0.0011  -0.0079  -0.0000  -0.0083  -0.0010  -0.0001 | 0.2913  0.0338  0.0005  0.0025  0.0000  0.0037  0.0003  0.0001 |
| 4.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.2819  -0.0550  0.0001  -0.0046  -0.0000  0.0004  -0.0006  -0.0001 | -0.6954  -0.3716  -0.0022  0.0004  -0.0000  -0.0167  0.0001  -0.0001 | 0.5334  0.0577  -0.0004  0.0043  -0.0000  -0.0030  0.0005  -0.0000 | 1.7591  0.3605  -0.0007  -0.0085  -0.0000  -0.0052  -0.0011  -0.0001 | 0.2005  0.0239  0.0006  0.0017  0.0000  0.0048  0.0002  0.0001 |
| 4.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.3101  -0.0587  0.0000  -0.0049  -0.0000  0.0002  -0.0006  -0.0001 | -0.3473  -0.1953  -0.0022  -0.0010  -0.0000  -0.0163  -0.0001  -0.0001 | 0.5554  0.0690  -0.0002  0.0047  0.0000  -0.0012  0.0006  0.0000 | 1.8718  0.4224  -0.0003  -0.0087  -0.0000  -0.0026  -0.0011  -0.0001 | 0.0995  0.0106  0.0007  0.0007  0.0000  0.0056  0.0001  0.0001 |
| 4.925 | 2.800 | 1  2  3  4  5  6  7  8 | -0.3184  -0.0582  -0.0000  -0.0050  -0.0000  -0.0002  -0.0006  -0.0001 | -0.0026  -0.0217  -0.0022  -0.0025  -0.0000  -0.0162  -0.0003  -0.0002 | 0.5607  0.0766  0.0001  0.0050  0.0000  0.0008  0.0006  0.0001 | 1.9112  0.4435  -0.0000  -0.0085  -0.0000  -0.0001  -0.0011  -0.0001 | -0.0060  -0.0052  0.0008  -0.0003  0.0000  0.0058  -0.0000  0.0000 |
| 4.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.3070  -0.0529  -0.0001  -0.0047  -0.0000  -0.0004  -0.0006  -0.0000 | 0.3432  0.1506  -0.0022  -0.0041  -0.0000  -0.0165  -0.0005  -0.0002 | 0.5495  0.0795  0.0004  0.0053  0.0000  0.0028  0.0007  0.0001 | 1.8776  0.4251  0.0003  -0.0079  -0.0000  0.0024  -0.0010  -0.0001 | -0.1108  -0.0220  0.0008  -0.0014  0.0000  0.0056  -0.0002  0.0000 |
| 4.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.2765  -0.0422  -0.0001  -0.0041  -0.0000  -0.0006  -0.0005  -0.0000 | 0.6943  0.3230  -0.0023  -0.0056  -0.0000  -0.0171  -0.0007  -0.0002 | 0.5224  0.0770  0.0006  0.0055  0.0000  0.0046  0.0007  0.0002 | 1.7697  0.3680  0.0007  -0.0068  -0.0000  0.0052  -0.0009  -0.0001 | -0.2093  -0.0379  0.0007  -0.0025  -0.0000  0.0050  -0.0003  -0.0000 |
| 4.925 | 3.550 | 1  2  3  4  5  6  7  8 | -0.2279  -0.0259  -0.0001  -0.0031  0.0000  -0.0004  -0.0004  0.0000 | 1.0547  0.4974  -0.0024  -0.0071  -0.0000  -0.0179  -0.0009  -0.0003 | 0.4807  0.0691  0.0008  0.0055  0.0000  0.0061  0.0007  0.0002 | 1.5846  0.2717  0.0011  -0.0053  -0.0000  0.0083  -0.0007  -0.0001 | -0.2965  -0.0511  0.0005  -0.0036  -0.0000  0.0039  -0.0004  -0.0001 |
| 4.925 | 3.800 | 1  2  3  4  5  6  7  8 | -0.1631  -0.0040  -0.0000  -0.0018  0.0000  -0.0001  -0.0002  0.0001 | 1.4281  0.6756  -0.0025  -0.0083  -0.0000  -0.0188  -0.0010  -0.0003 | 0.4262  0.0567  0.0010  0.0053  0.0000  0.0072  0.0007  0.0003 | 1.3179  0.1350  0.0016  -0.0032  0.0000  0.0121  -0.0004  0.0000 | -0.3676  -0.0593  0.0003  -0.0046  -0.0000  0.0026  -0.0006  -0.0001 |
| 4.925 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0841  0.0230  0.0001  -0.0005  0.0000  0.0005  -0.0001  0.0001 | 1.8178  0.8597  -0.0026  -0.0093  -0.0000  -0.0196  -0.0012  -0.0003 | 0.3616  0.0409  0.0010  0.0048  0.0000  0.0077  0.0006  0.0003 | 0.9640  -0.0443  0.0022  -0.0005  0.0000  0.0165  -0.0001  0.0001 | -0.4182  -0.0607  0.0002  -0.0055  -0.0000  0.0012  -0.0007  -0.0001 |
| 4.925 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0068  0.0539  0.0001  -0.0004  0.0000  0.0010  -0.0000  0.0001 | 2.2266  1.0511  -0.0027  -0.0098  -0.0000  -0.0200  -0.0012  -0.0004 | 0.2900  0.0236  0.0010  0.0040  0.0000  0.0076  0.0005  0.0002 | 0.5159  -0.2694  0.0029  0.0025  0.0000  0.0215  0.0003  0.0002 | -0.4445  -0.0537  -0.0000  -0.0061  -0.0000  -0.0002  -0.0008  -0.0002 |
| 4.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1077  0.0862  0.0000  -0.0070  -0.0000  0.0003  -0.0009  -0.0001 | 2.6567  1.2503  -0.0027  -0.0097  -0.0000  -0.0203  -0.0012  -0.0003 | 0.2156  0.0076  0.0009  0.0029  0.0000  0.0069  0.0004  0.0002 | -0.0351  -0.5444  0.0036  0.0058  0.0000  0.0271  0.0007  0.0003 | -0.4431  -0.0372  -0.0002  -0.0069  -0.0000  -0.0013  -0.0009  -0.0002 |
| 4.925 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2200  0.1120  -0.0009  -0.0519  -0.0001  -0.0069  -0.0065  -0.0021 | 3.1009  1.4554  -0.0028  -0.0089  -0.0000  -0.0212  -0.0011  -0.0003 | 0.1444  -0.0041  0.0008  0.0016  0.0000  0.0058  0.0002  0.0001 | -0.6994  -0.8737  0.0044  0.0092  0.0000  0.0330  0.0011  0.0005 | -0.4116  -0.0115  -0.0003  -0.0106  -0.0000  -0.0026  -0.0013  -0.0003 |
| 4.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.3668  0.0878  -0.0067  -0.3094  -0.0008  -0.0503  -0.0386  -0.0131 | 3.4967  1.6569  -0.0037  -0.0057  -0.0000  -0.0274  -0.0007  -0.0002 | 0.0879  -0.0081  0.0006  0.0004  0.0000  0.0042  0.0001  0.0001 | -1.4851  -1.2607  0.0053  0.0122  0.0000  0.0395  0.0015  0.0006 | -0.3465  0.0196  -0.0009  -0.0326  -0.0001  -0.0065  -0.0041  -0.0013 |
| 4.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0126  0.0007  -0.0006  -0.0250  -0.0001  -0.0043  -0.0031  -0.0011 | 3.6688  1.7550  -0.0044  -0.0032  -0.0000  -0.0327  -0.0004  -0.0001 | 0.0009  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -2.8415  -1.9193  0.0070  0.0139  0.0000  0.0523  0.0017  0.0007 | -0.0998  0.0086  -0.0008  -0.0330  -0.0001  -0.0059  -0.0041  -0.0014 |
| 5.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0154  -0.0022  0.0012  -0.0284  0.0001  0.0091  -0.0035  0.0010 | -4.1060  -1.7801  -0.0047  0.0014  -0.0000  -0.0352  0.0002  -0.0003 | -0.0005  0.0001  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.0686  -2.0654  -0.0068  0.0000  -0.0000  -0.0511  0.0000  -0.0004 | 0.0921  0.0044  -0.0017  0.0378  -0.0001  -0.0124  0.0047  -0.0014 |
| 5.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.2745  -0.0114  0.0152  -0.3570  0.0008  0.1138  -0.0446  0.0133 | -3.7918  -1.6993  -0.0038  0.0018  -0.0000  -0.0282  0.0002  -0.0002 | 0.0670  -0.0019  -0.0005  0.0003  -0.0000  -0.0035  0.0000  -0.0000 | -1.5552  -1.3974  -0.0050  -0.0006  -0.0000  -0.0378  -0.0001  -0.0003 | 0.3076  0.0128  -0.0016  0.0356  -0.0001  -0.0123  0.0044  -0.0011 |
| 5.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.2019  0.0065  0.0026  -0.0630  0.0001  0.0197  -0.0079  0.0023 | -3.2347  -1.5221  -0.0027  0.0024  -0.0000  -0.0202  0.0003  -0.0001 | 0.1389  -0.0022  -0.0006  0.0007  -0.0000  -0.0042  0.0001  -0.0000 | -0.7404  -0.9932  -0.0043  -0.0014  -0.0000  -0.0322  -0.0002  -0.0003 | 0.3629  0.0198  -0.0005  0.0093  -0.0000  -0.0034  0.0012  -0.0002 |
| 5.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1180  0.0011  0.0004  -0.0111  0.0000  0.0029  -0.0014  0.0003 | -2.7675  -1.3271  -0.0025  0.0028  -0.0000  -0.0190  0.0004  -0.0001 | 0.2115  0.0024  -0.0006  0.0014  -0.0000  -0.0047  0.0002  -0.0001 | -0.0496  -0.6403  -0.0036  -0.0026  -0.0000  -0.0271  -0.0003  -0.0002 | 0.3913  0.0264  -0.0002  0.0047  0.0000  -0.0014  0.0006  0.0000 |
| 5.175 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0361  -0.0094  0.0000  -0.0025  -0.0000  0.0000  -0.0003  -0.0000 | -2.3291  -1.1313  -0.0025  0.0028  -0.0000  -0.0187  0.0003  -0.0001 | 0.2844  0.0108  -0.0007  0.0021  -0.0000  -0.0049  0.0003  -0.0001 | 0.5290  -0.3396  -0.0030  -0.0039  -0.0000  -0.0222  -0.0005  -0.0002 | 0.3923  0.0304  -0.0000  0.0038  0.0000  -0.0003  0.0005  0.0000 |
| 5.175 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0384  -0.0198  -0.0000  -0.0017  -0.0000  -0.0003  -0.0002  -0.0001 | -1.9100  -0.9386  -0.0025  0.0024  -0.0000  -0.0185  0.0003  -0.0001 | 0.3534  0.0217  -0.0006  0.0028  -0.0000  -0.0048  0.0004  -0.0001 | 1.0036  -0.0896  -0.0023  -0.0051  -0.0000  -0.0176  -0.0006  -0.0001 | 0.3680  0.0313  0.0001  0.0034  0.0000  0.0007  0.0004  0.0000 |
| 5.175 | 1.800 | 1  2  3  4  5  6  7  8 | -0.1027  -0.0287  -0.0000  -0.0022  -0.0000  -0.0002  -0.0003  -0.0001 | -1.5074  -0.7493  -0.0024  0.0018  -0.0000  -0.0181  0.0002  -0.0001 | 0.4145  0.0341  -0.0006  0.0034  -0.0000  -0.0043  0.0004  -0.0000 | 1.3818  0.1115  -0.0018  -0.0061  -0.0000  -0.0134  -0.0008  -0.0001 | 0.3213  0.0290  0.0002  0.0028  0.0000  0.0018  0.0004  0.0000 |
| 5.175 | 2.050 | 1  2  3  4  5  6  7  8 | -0.1546  -0.0353  -0.0000  -0.0029  -0.0000  -0.0001  -0.0004  -0.0001 | -1.1185  -0.5633  -0.0024  0.0009  -0.0000  -0.0177  0.0001  -0.0001 | 0.4644  0.0468  -0.0005  0.0040  -0.0000  -0.0035  0.0005  -0.0000 | 1.6700  0.2655  -0.0013  -0.0069  -0.0000  -0.0097  -0.0009  -0.0001 | 0.2563  0.0234  0.0004  0.0022  0.0000  0.0028  0.0003  0.0000 |
| 5.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.1925  -0.0393  -0.0000  -0.0033  -0.0000  -0.0000  -0.0004  -0.0001 | -0.7402  -0.3802  -0.0023  -0.0001  -0.0000  -0.0173  -0.0000  -0.0001 | 0.5007  0.0585  -0.0003  0.0044  0.0000  -0.0022  0.0006  0.0000 | 1.8733  0.3742  -0.0008  -0.0073  -0.0000  -0.0063  -0.0009  -0.0001 | 0.1772  0.0148  0.0005  0.0014  0.0000  0.0036  0.0002  0.0000 |
| 5.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.2153  -0.0405  -0.0000  -0.0036  -0.0000  -0.0000  -0.0004  -0.0001 | -0.3687  -0.1994  -0.0023  -0.0013  -0.0000  -0.0171  -0.0002  -0.0002 | 0.5219  0.0678  -0.0001  0.0048  0.0000  -0.0008  0.0006  0.0000 | 1.9948  0.4393  -0.0004  -0.0075  -0.0000  -0.0031  -0.0009  -0.0001 | 0.0888  0.0038  0.0006  0.0005  0.0000  0.0042  0.0001  0.0000 |
| 5.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.2224  -0.0384  -0.0000  -0.0036  -0.0000  -0.0001  -0.0004  -0.0000 | -0.0004  -0.0202  -0.0023  -0.0025  -0.0000  -0.0171  -0.0003  -0.0002 | 0.5273  0.0736  0.0001  0.0051  0.0000  0.0008  0.0006  0.0001 | 2.0366  0.4621  -0.0000  -0.0072  -0.0000  -0.0001  -0.0009  -0.0001 | -0.0039  -0.0087  0.0006  -0.0005  0.0000  0.0044  -0.0001  0.0000 |
| 5.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.2139  -0.0328  -0.0000  -0.0033  -0.0000  -0.0001  -0.0004  -0.0000 | 0.3686  0.1584  -0.0023  -0.0038  -0.0000  -0.0173  -0.0005  -0.0002 | 0.5169  0.0751  0.0003  0.0052  0.0000  0.0024  0.0007  0.0001 | 1.9989  0.4437  0.0004  -0.0066  -0.0000  0.0029  -0.0008  -0.0001 | -0.0960  -0.0217  0.0006  -0.0015  -0.0000  0.0043  -0.0002  -0.0000 |
| 5.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.1901  -0.0233  0.0000  -0.0027  0.0000  0.0000  -0.0003  0.0000 | 0.7418  0.3378  -0.0024  -0.0050  -0.0000  -0.0177  -0.0006  -0.0002 | 0.4914  0.0718  0.0005  0.0053  0.0000  0.0039  0.0007  0.0002 | 1.8806  0.3843  0.0008  -0.0055  -0.0000  0.0061  -0.0007  -0.0001 | -0.1827  -0.0337  0.0005  -0.0025  -0.0000  0.0038  -0.0003  -0.0000 |
| 5.175 | 3.550 | 1  2  3  4  5  6  7  8 | -0.1519  -0.0098  0.0000  -0.0019  0.0000  0.0002  -0.0002  0.0001 | 1.1229  0.5193  -0.0024  -0.0061  -0.0000  -0.0181  -0.0008  -0.0002 | 0.4519  0.0639  0.0007  0.0051  0.0000  0.0051  0.0006  0.0002 | 1.6791  0.2835  0.0013  -0.0040  -0.0000  0.0096  -0.0005  -0.0000 | -0.2594  -0.0431  0.0004  -0.0035  -0.0000  0.0030  -0.0004  -0.0001 |
| 5.175 | 3.800 | 1  2  3  4  5  6  7  8 | -0.1006  0.0076  0.0001  -0.0009  0.0000  0.0006  -0.0001  0.0001 | 1.5147  0.7043  -0.0025  -0.0069  -0.0000  -0.0186  -0.0009  -0.0003 | 0.4005  0.0519  0.0008  0.0048  0.0000  0.0059  0.0006  0.0002 | 1.3906  0.1401  0.0018  -0.0021  0.0000  0.0136  -0.0003  0.0000 | -0.3217  -0.0484  0.0003  -0.0043  -0.0000  0.0020  -0.0005  -0.0001 |
| 5.175 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0378  0.0285  0.0001  0.0000  0.0000  0.0010  0.0000  0.0001 | 1.9201  0.8941  -0.0025  -0.0075  -0.0000  -0.0189  -0.0009  -0.0003 | 0.3396  0.0371  0.0008  0.0042  0.0000  0.0063  0.0005  0.0002 | 1.0101  -0.0479  0.0024  0.0002  0.0000  0.0180  0.0000  0.0001 | -0.3658  -0.0482  0.0001  -0.0049  -0.0000  0.0010  -0.0006  -0.0001 |
| 5.175 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0346  0.0521  0.0002  -0.0002  0.0000  0.0012  -0.0000  0.0001 | 2.3410  1.0898  -0.0025  -0.0078  -0.0000  -0.0191  -0.0010  -0.0003 | 0.2723  0.0213  0.0008  0.0034  0.0000  0.0062  0.0004  0.0002 | 0.5313  -0.2833  0.0030  0.0028  0.0000  0.0228  0.0003  0.0002 | -0.3884  -0.0412  0.0000  -0.0054  -0.0000  0.0001  -0.0007  -0.0001 |
| 5.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1156  0.0769  0.0001  -0.0074  -0.0000  0.0005  -0.0009  -0.0002 | 2.7790  1.2925  -0.0026  -0.0077  -0.0000  -0.0192  -0.0010  -0.0003 | 0.2027  0.0066  0.0008  0.0024  0.0000  0.0058  0.0003  0.0001 | -0.0528  -0.5693  0.0037  0.0055  0.0000  0.0279  0.0007  0.0003 | -0.3868  -0.0266  -0.0001  -0.0061  -0.0000  -0.0007  -0.0008  -0.0001 |
| 5.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.2078  0.0962  -0.0007  -0.0532  -0.0001  -0.0050  -0.0066  -0.0021 | 3.2429  1.5033  -0.0027  -0.0069  -0.0000  -0.0204  -0.0009  -0.0002 | 0.1340  -0.0049  0.0007  0.0013  0.0000  0.0050  0.0002  0.0001 | -0.7491  -0.9096  0.0044  0.0082  0.0000  0.0332  0.0010  0.0004 | -0.3591  -0.0049  -0.0002  -0.0098  -0.0000  -0.0016  -0.0012  -0.0003 |
| 5.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.3348  0.0717  -0.0049  -0.3141  -0.0008  -0.0368  -0.0392  -0.0132 | 3.7951  1.7245  -0.0040  -0.0040  -0.0000  -0.0296  -0.0005  -0.0001 | 0.0656  -0.0112  0.0006  0.0002  0.0000  0.0041  0.0000  0.0000 | -1.5677  -1.3081  0.0052  0.0107  0.0000  0.0391  0.0013  0.0005 | -0.3024  0.0205  -0.0006  -0.0326  -0.0001  -0.0046  -0.0041  -0.0012 |
| 5.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0107  0.0006  -0.0004  -0.0252  -0.0001  -0.0031  -0.0032  -0.0011 | 4.1070  1.8380  -0.0050  -0.0018  -0.0000  -0.0378  -0.0002  -0.0000 | -0.0005  -0.0001  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -3.0823  -1.9966  0.0071  0.0118  0.0000  0.0535  0.0015  0.0005 | -0.0870  0.0081  -0.0006  -0.0338  -0.0001  -0.0043  -0.0042  -0.0014 |
| 5.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0128  -0.0003  0.0011  -0.0285  0.0001  0.0082  -0.0036  0.0010 | -3.8845  -1.7972  -0.0039  -0.0029  -0.0000  -0.0293  -0.0004  -0.0000 | 0.0009  0.0001  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -3.0821  -2.0828  -0.0066  -0.0018  -0.0000  -0.0495  -0.0002  -0.0003 | 0.0791  0.0034  -0.0014  0.0371  -0.0001  -0.0109  0.0046  -0.0013 |
| 5.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.2474  0.0195  0.0137  -0.3593  0.0008  0.1024  -0.0449  0.0133 | -3.7197  -1.7135  -0.0033  -0.0010  -0.0000  -0.0249  -0.0001  -0.0001 | 0.0822  0.0011  -0.0004  0.0000  -0.0000  -0.0028  0.0000  -0.0000 | -1.6424  -1.4082  -0.0051  -0.0009  -0.0000  -0.0383  -0.0001  -0.0003 | 0.2643  0.0124  -0.0014  0.0347  -0.0001  -0.0106  0.0043  -0.0011 |
| 5.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1846  0.0094  0.0024  -0.0637  0.0001  0.0178  -0.0080  0.0023 | -3.3286  -1.5338  -0.0026  0.0013  -0.0000  -0.0196  0.0002  -0.0001 | 0.1317  0.0015  -0.0005  0.0006  -0.0000  -0.0036  0.0001  -0.0000 | -0.7939  -1.0012  -0.0044  -0.0017  -0.0000  -0.0327  -0.0002  -0.0002 | 0.3118  0.0176  -0.0004  0.0087  -0.0000  -0.0029  0.0011  -0.0001 |
| 5.425 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1183  -0.0002  0.0003  -0.0112  0.0000  0.0025  -0.0014  0.0003 | -2.8750  -1.3395  -0.0025  0.0018  -0.0000  -0.0186  0.0002  -0.0001 | 0.1954  0.0064  -0.0005  0.0013  -0.0000  -0.0039  0.0002  -0.0000 | -0.0675  -0.6454  -0.0037  -0.0027  -0.0000  -0.0278  -0.0003  -0.0002 | 0.3367  0.0213  -0.0001  0.0041  0.0000  -0.0011  0.0005  0.0000 |
| 5.425 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0546  -0.0088  -0.0000  -0.0023  -0.0000  -0.0002  -0.0003  -0.0000 | -2.4284  -1.1438  -0.0024  0.0017  -0.0000  -0.0184  0.0002  -0.0001 | 0.2617  0.0145  -0.0005  0.0020  -0.0000  -0.0040  0.0003  -0.0000 | 0.5426  -0.3414  -0.0031  -0.0037  -0.0000  -0.0231  -0.0005  -0.0002 | 0.3385  0.0229  -0.0000  0.0033  0.0000  -0.0003  0.0004  0.0000 |
| 5.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0034  -0.0160  -0.0001  -0.0013  -0.0000  -0.0005  -0.0002  -0.0001 | -1.9973  -0.9501  -0.0024  0.0014  -0.0000  -0.0182  0.0002  -0.0001 | 0.3248  0.0249  -0.0005  0.0027  -0.0000  -0.0038  0.0003  -0.0000 | 1.0454  -0.0879  -0.0025  -0.0046  -0.0000  -0.0187  -0.0006  -0.0001 | 0.3185  0.0224  0.0001  0.0029  0.0000  0.0005  0.0004  0.0000 |
| 5.425 | 1.800 | 1  2  3  4  5  6  7  8 | -0.0537  -0.0217  -0.0001  -0.0016  -0.0000  -0.0005  -0.0002  -0.0001 | -1.5802  -0.7593  -0.0024  0.0009  -0.0000  -0.0180  0.0001  -0.0001 | 0.3808  0.0363  -0.0004  0.0033  -0.0000  -0.0033  0.0004  -0.0000 | 1.4477  0.1167  -0.0019  -0.0054  -0.0000  -0.0146  -0.0007  -0.0001 | 0.2791  0.0195  0.0002  0.0024  0.0000  0.0013  0.0003  0.0000 |
| 5.425 | 2.050 | 1  2  3  4  5  6  7  8 | -0.0943  -0.0256  -0.0000  -0.0020  -0.0000  -0.0004  -0.0003  -0.0001 | -1.1746  -0.5711  -0.0024  0.0003  -0.0000  -0.0178  0.0000  -0.0001 | 0.4267  0.0476  -0.0003  0.0039  -0.0000  -0.0026  0.0005  -0.0000 | 1.7552  0.2740  -0.0014  -0.0060  -0.0000  -0.0107  -0.0007  -0.0001 | 0.2234  0.0143  0.0003  0.0018  0.0000  0.0020  0.0002  0.0000 |
| 5.425 | 2.300 | 1  2  3  4  5  6  7  8 | -0.1240  -0.0273  -0.0000  -0.0024  -0.0000  -0.0002  -0.0003  -0.0001 | -0.7778  -0.3851  -0.0024  -0.0005  -0.0000  -0.0177  -0.0001  -0.0001 | 0.4603  0.0576  -0.0002  0.0043  0.0000  -0.0016  0.0005  0.0000 | 1.9724  0.3855  -0.0009  -0.0063  -0.0000  -0.0070  -0.0008  -0.0001 | 0.1551  0.0072  0.0004  0.0010  -0.0000  0.0027  0.0001  -0.0000 |
| 5.425 | 2.550 | 1  2  3  4  5  6  7  8 | -0.1421  -0.0268  -0.0000  -0.0025  -0.0000  -0.0001  -0.0003  -0.0000 | -0.3871  -0.2008  -0.0023  -0.0015  -0.0000  -0.0176  -0.0002  -0.0001 | 0.4801  0.0653  -0.0001  0.0046  0.0000  -0.0004  0.0006  0.0000 | 2.1021  0.4527  -0.0005  -0.0063  -0.0000  -0.0036  -0.0008  -0.0001 | 0.0785  -0.0016  0.0004  0.0002  -0.0000  0.0031  0.0000  -0.0000 |
| 5.425 | 2.800 | 1  2  3  4  5  6  7  8 | -0.1480  -0.0239  0.0000  -0.0025  -0.0000  0.0000  -0.0003  -0.0000 | 0.0008  -0.0174  -0.0024  -0.0024  -0.0000  -0.0176  -0.0003  -0.0002 | 0.4853  0.0698  0.0001  0.0049  0.0000  0.0009  0.0006  0.0001 | 2.1462  0.4764  -0.0000  -0.0060  -0.0000  -0.0002  -0.0008  -0.0001 | -0.0021  -0.0112  0.0004  -0.0007  -0.0000  0.0033  -0.0001  -0.0000 |
| 5.425 | 3.050 | 1  2  3  4  5  6  7  8 | -0.1418  -0.0185  0.0000  -0.0022  0.0000  0.0002  -0.0003  0.0000 | 0.3891  0.1660  -0.0024  -0.0034  -0.0000  -0.0178  -0.0004  -0.0002 | 0.4759  0.0703  0.0003  0.0050  0.0000  0.0021  0.0006  0.0001 | 2.1050  0.4575  0.0004  -0.0054  -0.0000  0.0032  -0.0007  -0.0000 | -0.0824  -0.0207  0.0004  -0.0016  -0.0000  0.0032  -0.0002  -0.0000 |
| 5.425 | 3.300 | 1  2  3  4  5  6  7  8 | -0.1235  -0.0105  0.0000  -0.0017  0.0000  0.0004  -0.0002  0.0000 | 0.7808  0.3505  -0.0024  -0.0043  -0.0000  -0.0180  -0.0005  -0.0002 | 0.4525  0.0665  0.0004  0.0049  0.0000  0.0033  0.0006  0.0001 | 1.9775  0.3960  0.0009  -0.0044  -0.0000  0.0068  -0.0005  -0.0000 | -0.1579  -0.0292  0.0004  -0.0024  -0.0000  0.0028  -0.0003  -0.0001 |
| 5.425 | 3.550 | 1  2  3  4  5  6  7  8 | -0.0940  0.0002  0.0001  -0.0010  0.0000  0.0006  -0.0001  0.0001 | 1.1791  0.5370  -0.0024  -0.0051  -0.0000  -0.0182  -0.0006  -0.0002 | 0.4161  0.0586  0.0006  0.0047  0.0000  0.0042  0.0006  0.0001 | 1.7616  0.2913  0.0014  -0.0030  0.0000  0.0106  -0.0004  0.0000 | -0.2247  -0.0354  0.0003  -0.0032  -0.0000  0.0023  -0.0004  -0.0001 |
| 5.425 | 3.800 | 1  2  3  4  5  6  7  8 | -0.0540  0.0136  0.0001  -0.0003  0.0000  0.0009  -0.0000  0.0001 | 1.5863  0.7268  -0.0025  -0.0057  -0.0000  -0.0184  -0.0007  -0.0002 | 0.3688  0.0473  0.0006  0.0043  0.0000  0.0049  0.0005  0.0002 | 1.4539  0.1424  0.0020  -0.0013  0.0000  0.0147  -0.0002  0.0001 | -0.2788  -0.0382  0.0002  -0.0039  -0.0000  0.0016  -0.0005  -0.0001 |
| 5.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0047  0.0294  0.0001  0.0004  0.0000  0.0011  0.0000  0.0002 | 2.0049  0.9209  -0.0025  -0.0061  -0.0000  -0.0185  -0.0008  -0.0002 | 0.3127  0.0335  0.0007  0.0037  0.0000  0.0052  0.0005  0.0001 | 1.0499  -0.0526  0.0025  0.0007  0.0000  0.0190  0.0001  0.0001 | -0.3169  -0.0366  0.0001  -0.0044  -0.0000  0.0009  -0.0005  -0.0001 |
| 5.425 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0525  0.0473  0.0002  -0.0002  0.0000  0.0012  -0.0000  0.0001 | 2.4367  1.1198  -0.0025  -0.0062  -0.0000  -0.0185  -0.0008  -0.0002 | 0.2509  0.0190  0.0007  0.0029  0.0000  0.0052  0.0004  0.0001 | 0.5441  -0.2961  0.0032  0.0028  0.0000  0.0236  0.0004  0.0002 | -0.3362  -0.0296  0.0000  -0.0047  -0.0000  0.0002  -0.0006  -0.0001 |
| 5.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1167  0.0651  0.0001  -0.0077  -0.0000  0.0007  -0.0010  -0.0002 | 2.8835  1.3248  -0.0025  -0.0060  -0.0000  -0.0186  -0.0008  -0.0002 | 0.1868  0.0055  0.0007  0.0020  0.0000  0.0049  0.0003  0.0001 | -0.0698  -0.5909  0.0038  0.0050  0.0000  0.0285  0.0006  0.0003 | -0.3345  -0.0168  -0.0000  -0.0053  -0.0000  -0.0003  -0.0007  -0.0001 |
| 5.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1900  0.0741  -0.0004  -0.0542  -0.0001  -0.0028  -0.0068  -0.0022 | 3.3401  1.5386  -0.0026  -0.0054  -0.0000  -0.0197  -0.0007  -0.0002 | 0.1253  -0.0050  0.0006  0.0012  0.0000  0.0044  0.0001  0.0001 | -0.7998  -0.9402  0.0045  0.0072  0.0000  0.0335  0.0009  0.0003 | -0.3101  0.0017  -0.0001  -0.0089  -0.0000  -0.0009  -0.0011  -0.0003 |
| 5.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.2933  0.0326  -0.0030  -0.3176  -0.0008  -0.0225  -0.0397  -0.0134 | 3.7510  1.7693  -0.0036  -0.0037  -0.0000  -0.0268  -0.0005  -0.0001 | 0.0760  -0.0114  0.0005  0.0004  0.0000  0.0035  0.0000  0.0000 | -1.6528  -1.3489  0.0052  0.0091  0.0000  0.0391  0.0011  0.0004 | -0.2606  0.0222  -0.0004  -0.0314  -0.0001  -0.0027  -0.0039  -0.0012 |
| 5.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0091  -0.0005  -0.0003  -0.0254  -0.0001  -0.0019  -0.0032  -0.0011 | 3.9325  1.8903  -0.0044  -0.0025  -0.0000  -0.0329  -0.0003  -0.0001 | 0.0008  -0.0002  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -3.1108  -2.0576  0.0069  0.0103  0.0000  0.0517  0.0013  0.0004 | -0.0746  0.0079  -0.0003  -0.0330  -0.0001  -0.0026  -0.0041  -0.0013 |
| 5.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0107  0.0008  0.0010  -0.0288  0.0001  0.0073  -0.0036  0.0010 | -4.3023  -1.8460  -0.0046  -0.0049  0.0000  -0.0344  -0.0006  0.0000 | -0.0005  -0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -3.2936  -2.1052  -0.0068  -0.0029  -0.0000  -0.0512  -0.0004  -0.0002 | 0.0672  0.0023  -0.0013  0.0382  -0.0001  -0.0098  0.0048  -0.0013 |
| 5.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.2197  0.0325  0.0122  -0.3637  0.0008  0.0911  -0.0454  0.0133 | -3.9875  -1.7472  -0.0037  -0.0024  -0.0000  -0.0276  -0.0003  -0.0000 | 0.0580  -0.0016  -0.0004  -0.0001  0.0000  -0.0029  -0.0000  0.0000 | -1.7034  -1.4139  -0.0051  -0.0014  -0.0000  -0.0383  -0.0002  -0.0002 | 0.2246  0.0109  -0.0013  0.0352  -0.0001  -0.0095  0.0044  -0.0011 |
| 5.675 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1673  0.0088  0.0021  -0.0645  0.0001  0.0158  -0.0081  0.0023 | -3.4299  -1.5485  -0.0026  0.0004  -0.0000  -0.0197  0.0001  -0.0001 | 0.1194  0.0020  -0.0004  0.0006  -0.0000  -0.0032  0.0001  -0.0000 | -0.8320  -1.0045  -0.0044  -0.0020  -0.0000  -0.0330  -0.0002  -0.0002 | 0.2654  0.0145  -0.0003  0.0083  -0.0000  -0.0025  0.0010  -0.0001 |
| 5.675 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1145  -0.0022  0.0003  -0.0113  0.0000  0.0022  -0.0014  0.0003 | -2.9585  -1.3494  -0.0024  0.0009  -0.0000  -0.0183  0.0001  -0.0001 | 0.1788  0.0082  -0.0004  0.0013  -0.0000  -0.0033  0.0002  -0.0000 | -0.0825  -0.6471  -0.0038  -0.0028  -0.0000  -0.0283  -0.0003  -0.0002 | 0.2873  0.0158  -0.0001  0.0036  0.0000  -0.0010  0.0005  0.0000 |
| 5.675 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0648  -0.0088  -0.0000  -0.0021  -0.0000  -0.0003  -0.0003  -0.0000 | -2.5076  -1.1523  -0.0024  0.0009  -0.0000  -0.0181  0.0001  -0.0001 | 0.2382  0.0165  -0.0004  0.0019  -0.0000  -0.0032  0.0002  -0.0000 | 0.5532  -0.3411  -0.0032  -0.0035  -0.0000  -0.0239  -0.0004  -0.0001 | 0.2898  0.0156  -0.0000  0.0027  0.0000  -0.0004  0.0003  0.0000 |
| 5.675 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0199  -0.0134  -0.0001  -0.0009  -0.0000  -0.0006  -0.0001  -0.0001 | -2.0684  -0.9577  -0.0024  0.0006  -0.0000  -0.0180  0.0001  -0.0001 | 0.2946  0.0264  -0.0004  0.0025  -0.0000  -0.0029  0.0003  -0.0000 | 1.0801  -0.0852  -0.0026  -0.0042  -0.0000  -0.0196  -0.0005  -0.0001 | 0.2737  0.0140  0.0000  0.0024  0.0000  0.0002  0.0003  0.0000 |
| 5.675 | 1.800 | 1  2  3  4  5  6  7  8 | -0.0188  -0.0166  -0.0001  -0.0010  -0.0000  -0.0006  -0.0001  -0.0001 | -1.6399  -0.7655  -0.0024  0.0003  -0.0000  -0.0180  0.0000  -0.0001 | 0.3448  0.0370  -0.0003  0.0031  -0.0000  -0.0025  0.0004  -0.0000 | 1.5035  0.1218  -0.0021  -0.0048  -0.0000  -0.0154  -0.0006  -0.0001 | 0.2407  0.0109  0.0001  0.0019  0.0000  0.0008  0.0002  0.0000 |
| 5.675 | 2.050 | 1  2  3  4  5  6  7  8 | -0.0500  -0.0182  -0.0001  -0.0013  -0.0000  -0.0005  -0.0002  -0.0001 | -1.2208  -0.5754  -0.0024  -0.0002  -0.0000  -0.0179  -0.0000  -0.0001 | 0.3860  0.0472  -0.0002  0.0036  -0.0000  -0.0018  0.0005  -0.0000 | 1.8281  0.2813  -0.0015  -0.0052  -0.0000  -0.0114  -0.0006  -0.0001 | 0.1934  0.0063  0.0002  0.0014  -0.0000  0.0014  0.0002  -0.0000 |
| 5.675 | 2.300 | 1  2  3  4  5  6  7  8 | -0.0729  -0.0181  -0.0000  -0.0016  -0.0000  -0.0003  -0.0002  -0.0001 | -0.8091  -0.3871  -0.0024  -0.0009  -0.0000  -0.0179  -0.0001  -0.0001 | 0.4162  0.0560  -0.0001  0.0040  0.0000  -0.0010  0.0005  0.0000 | 2.0576  0.3946  -0.0010  -0.0054  -0.0000  -0.0076  -0.0007  -0.0001 | 0.1350  0.0006  0.0003  0.0007  -0.0000  0.0019  0.0001  -0.0000 |
| 5.675 | 2.550 | 1  2  3  4  5  6  7  8 | -0.0867  -0.0165  -0.0000  -0.0017  -0.0000  -0.0001  -0.0002  -0.0000 | -0.4026  -0.2001  -0.0024  -0.0016  -0.0000  -0.0179  -0.0002  -0.0001 | 0.4340  0.0625  -0.0000  0.0043  0.0000  -0.0001  0.0005  0.0000 | 2.1948  0.4628  -0.0005  -0.0053  -0.0000  -0.0039  -0.0007  -0.0001 | 0.0691  -0.0060  0.0003  0.0000  -0.0000  0.0022  0.0000  -0.0000 |
| 5.675 | 2.800 | 1  2  3  4  5  6  7  8 | -0.0914  -0.0133  0.0000  -0.0016  -0.0000  0.0001  -0.0002  -0.0000 | 0.0013  -0.0137  -0.0024  -0.0023  -0.0000  -0.0179  -0.0003  -0.0001 | 0.4387  0.0660  0.0001  0.0045  0.0000  0.0009  0.0006  0.0001 | 2.2412  0.4868  -0.0000  -0.0050  -0.0000  -0.0002  -0.0006  -0.0000 | -0.0005  -0.0128  0.0003  -0.0008  -0.0000  0.0024  -0.0001  -0.0000 |
| 5.675 | 3.050 | 1  2  3  4  5  6  7  8 | -0.0869  -0.0085  0.0000  -0.0014  0.0000  0.0003  -0.0002  0.0000 | 0.4055  0.1730  -0.0024  -0.0031  -0.0000  -0.0180  -0.0004  -0.0001 | 0.4303  0.0659  0.0003  0.0045  0.0000  0.0019  0.0006  0.0001 | 2.1970  0.4670  0.0005  -0.0043  -0.0000  0.0035  -0.0005  -0.0000 | -0.0700  -0.0193  0.0003  -0.0016  -0.0000  0.0023  -0.0002  -0.0001 |
| 5.675 | 3.300 | 1  2  3  4  5  6  7  8 | -0.0734  -0.0020  0.0001  -0.0010  0.0000  0.0005  -0.0001  0.0001 | 0.8125  0.3609  -0.0024  -0.0038  -0.0000  -0.0181  -0.0005  -0.0002 | 0.4093  0.0619  0.0004  0.0044  0.0000  0.0028  0.0006  0.0001 | 2.0616  0.4035  0.0010  -0.0034  -0.0000  0.0073  -0.0004  -0.0000 | -0.1354  -0.0246  0.0003  -0.0023  -0.0000  0.0021  -0.0003  -0.0001 |
| 5.675 | 3.550 | 1  2  3  4  5  6  7  8 | -0.0510  0.0060  0.0001  -0.0004  0.0000  0.0008  -0.0001  0.0001 | 1.2249  0.5509  -0.0024  -0.0043  -0.0000  -0.0182  -0.0005  -0.0002 | 0.3766  0.0543  0.0005  0.0042  0.0000  0.0035  0.0005  0.0001 | 1.8331  0.2956  0.0015  -0.0021  0.0000  0.0112  -0.0003  0.0000 | -0.1931  -0.0279  0.0002  -0.0030  -0.0000  0.0017  -0.0004  -0.0001 |
| 5.675 | 3.800 | 1  2  3  4  5  6  7  8 | -0.0204  0.0157  0.0001  0.0002  0.0000  0.0010  0.0000  0.0001 | 1.6450  0.7440  -0.0024  -0.0048  -0.0000  -0.0183  -0.0006  -0.0002 | 0.3340  0.0435  0.0005  0.0038  0.0000  0.0040  0.0005  0.0001 | 1.5084  0.1424  0.0021  -0.0007  0.0000  0.0154  -0.0001  0.0001 | -0.2398  -0.0286  0.0002  -0.0035  -0.0000  0.0012  -0.0004  -0.0001 |
| 5.675 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0176  0.0271  0.0002  0.0006  0.0000  0.0011  0.0001  0.0001 | 2.0744  0.9410  -0.0024  -0.0050  -0.0000  -0.0183  -0.0006  -0.0002 | 0.2835  0.0307  0.0006  0.0032  0.0000  0.0043  0.0004  0.0001 | 1.0839  -0.0580  0.0026  0.0010  0.0000  0.0197  0.0001  0.0001 | -0.2725  -0.0258  0.0001  -0.0039  -0.0000  0.0008  -0.0005  -0.0001 |
| 5.675 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0623  0.0399  0.0002  -0.0003  0.0000  0.0012  -0.0000  0.0001 | 2.5142  1.1425  -0.0024  -0.0050  -0.0000  -0.0182  -0.0006  -0.0002 | 0.2279  0.0172  0.0006  0.0025  0.0000  0.0044  0.0003  0.0001 | 0.5548  -0.3078  0.0032  0.0028  0.0000  0.0242  0.0003  0.0002 | -0.2888  -0.0191  0.0000  -0.0041  -0.0000  0.0003  -0.0005  -0.0001 |
| 5.675 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1128  0.0529  0.0001  -0.0081  -0.0000  0.0009  -0.0010  -0.0002 | 2.9653  1.3480  -0.0024  -0.0048  -0.0000  -0.0183  -0.0006  -0.0001 | 0.1703  0.0051  0.0006  0.0018  0.0000  0.0042  0.0002  0.0001 | -0.0839  -0.6097  0.0039  0.0046  0.0000  0.0289  0.0006  0.0002 | -0.2868  -0.0081  -0.0000  -0.0047  -0.0000  -0.0001  -0.0006  -0.0001 |
| 5.675 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1703  0.0591  -0.0001  -0.0548  -0.0001  -0.0006  -0.0068  -0.0022 | 3.4360  1.5523  -0.0026  -0.0044  -0.0000  -0.0197  -0.0006  -0.0001 | 0.1133  -0.0029  0.0005  0.0011  0.0000  0.0040  0.0001  0.0000 | -0.8371  -0.9665  0.0045  0.0062  0.0000  0.0336  0.0008  0.0003 | -0.2653  0.0069  -0.0001  -0.0085  -0.0000  -0.0004  -0.0011  -0.0002 |
| 5.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.2510  0.0252  -0.0011  -0.3178  -0.0008  -0.0081  -0.0397  -0.0133 | 3.9908  1.7348  -0.0039  -0.0054  -0.0000  -0.0292  -0.0007  -0.0002 | 0.0549  -0.0038  0.0005  0.0007  0.0000  0.0036  0.0001  0.0000 | -1.7120  -1.3782  0.0052  0.0076  0.0000  0.0390  0.0009  0.0003 | -0.2222  0.0229  -0.0002  -0.0317  -0.0001  -0.0012  -0.0040  -0.0012 |
| 5.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0080  -0.0000  -0.0001  -0.0253  -0.0001  -0.0007  -0.0032  -0.0011 | 4.3035  1.8166  -0.0050  -0.0064  -0.0000  -0.0376  -0.0008  -0.0003 | -0.0005  0.0001  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.3038  -2.0598  0.0071  0.0100  0.0000  0.0531  0.0013  0.0004 | -0.0633  0.0080  -0.0001  -0.0337  -0.0001  -0.0010  -0.0042  -0.0014 |
| 5.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0091  0.0005  0.0008  -0.0290  0.0001  0.0063  -0.0036  0.0011 | -4.0650  -1.8956  -0.0041  -0.0022  -0.0000  -0.0307  -0.0003  -0.0000 | 0.0008  -0.0001  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -3.2804  -2.1288  -0.0067  -0.0028  -0.0000  -0.0500  -0.0003  -0.0002 | 0.0558  0.0016  -0.0011  0.0373  -0.0001  -0.0084  0.0047  -0.0013 |
| 5.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.1837  0.0141  0.0106  -0.3671  0.0008  0.0792  -0.0459  0.0134 | -3.8918  -1.7806  -0.0034  -0.0013  -0.0000  -0.0255  -0.0002  -0.0001 | 0.0707  -0.0040  -0.0003  0.0002  -0.0000  -0.0025  0.0000  -0.0000 | -1.7700  -1.4187  -0.0051  -0.0021  -0.0000  -0.0384  -0.0003  -0.0002 | 0.1874  0.0085  -0.0011  0.0342  -0.0001  -0.0082  0.0043  -0.0011 |
| 5.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1473  -0.0003  0.0018  -0.0652  0.0001  0.0136  -0.0081  0.0023 | -3.4896  -1.5610  -0.0026  -0.0001  -0.0000  -0.0194  -0.0000  -0.0001 | 0.1115  0.0019  -0.0004  0.0007  -0.0000  -0.0028  0.0001  -0.0000 | -0.8733  -1.0054  -0.0044  -0.0024  -0.0000  -0.0333  -0.0003  -0.0002 | 0.2232  0.0101  -0.0003  0.0078  -0.0000  -0.0023  0.0010  -0.0001 |
| 5.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.1071  -0.0060  0.0002  -0.0114  0.0000  0.0018  -0.0014  0.0003 | -3.0298  -1.3563  -0.0024  0.0001  -0.0000  -0.0182  0.0000  -0.0001 | 0.1627  0.0089  -0.0004  0.0012  -0.0000  -0.0028  0.0002  -0.0000 | -0.0979  -0.6466  -0.0038  -0.0029  -0.0000  -0.0287  -0.0004  -0.0001 | 0.2432  0.0099  -0.0001  0.0031  0.0000  -0.0010  0.0004  0.0000 |
| 5.925 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0686  -0.0098  -0.0000  -0.0020  -0.0000  -0.0003  -0.0003  -0.0000 | -2.5733  -1.1577  -0.0024  0.0002  -0.0000  -0.0179  0.0000  -0.0001 | 0.2152  0.0174  -0.0003  0.0018  -0.0000  -0.0026  0.0002  -0.0000 | 0.5608  -0.3392  -0.0033  -0.0034  -0.0000  -0.0244  -0.0004  -0.0001 | 0.2466  0.0084  -0.0001  0.0022  0.0000  -0.0005  0.0003  0.0000 |
| 5.925 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0339  -0.0120  -0.0001  -0.0007  -0.0000  -0.0007  -0.0001  -0.0001 | -2.1265  -0.9619  -0.0024  0.0000  -0.0000  -0.0179  0.0000  -0.0001 | 0.2648  0.0270  -0.0003  0.0024  -0.0000  -0.0022  0.0003  -0.0000 | 1.1086  -0.0819  -0.0027  -0.0038  -0.0000  -0.0202  -0.0005  -0.0001 | 0.2339  0.0061  -0.0000  0.0019  0.0000  -0.0001  0.0002  0.0000 |
| 5.925 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0045  -0.0129  -0.0001  -0.0007  -0.0000  -0.0006  -0.0001  -0.0001 | -1.6886  -0.7684  -0.0024  -0.0003  -0.0000  -0.0179  -0.0000  -0.0001 | 0.3087  0.0369  -0.0002  0.0029  -0.0000  -0.0018  0.0004  -0.0000 | 1.5503  0.1265  -0.0021  -0.0042  -0.0000  -0.0161  -0.0005  -0.0001 | 0.2066  0.0029  0.0001  0.0015  -0.0000  0.0004  0.0002  -0.0000 |
| 5.925 | 2.050 | 1  2  3  4  5  6  7  8 | -0.0188  -0.0126  -0.0001  -0.0008  -0.0000  -0.0005  -0.0001  -0.0001 | -1.2585  -0.5768  -0.0024  -0.0006  -0.0000  -0.0179  -0.0001  -0.0001 | 0.3447  0.0463  -0.0002  0.0033  0.0000  -0.0012  0.0004  0.0000 | 1.8899  0.2872  -0.0016  -0.0045  -0.0000  -0.0120  -0.0006  -0.0001 | 0.1668  -0.0009  0.0001  0.0011  -0.0000  0.0009  0.0001  -0.0000 |
| 5.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.0357  -0.0110  -0.0000  -0.0010  -0.0000  -0.0003  -0.0001  -0.0000 | -0.8347  -0.3869  -0.0024  -0.0011  -0.0000  -0.0179  -0.0001  -0.0001 | 0.3709  0.0542  -0.0001  0.0037  0.0000  -0.0006  0.0005  0.0000 | 2.1306  0.4013  -0.0011  -0.0045  -0.0000  -0.0081  -0.0006  -0.0001 | 0.1172  -0.0052  0.0002  0.0005  -0.0000  0.0012  0.0001  -0.0000 |
| 5.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.0458  -0.0086  -0.0000  -0.0010  -0.0000  -0.0001  -0.0001  -0.0000 | -0.4155  -0.1981  -0.0024  -0.0017  -0.0000  -0.0180  -0.0002  -0.0001 | 0.3863  0.0599  0.0000  0.0039  0.0000  0.0002  0.0005  0.0000 | 2.2745  0.4699  -0.0006  -0.0044  -0.0000  -0.0042  -0.0005  -0.0000 | 0.0607  -0.0097  0.0002  -0.0002  -0.0000  0.0015  -0.0000  -0.0001 |
| 5.925 | 2.800 | 1  2  3  4  5  6  7  8 | -0.0494  -0.0052  0.0000  -0.0009  0.0000  0.0002  -0.0001  0.0000 | 0.0014  -0.0097  -0.0024  -0.0022  -0.0000  -0.0180  -0.0003  -0.0001 | 0.3903  0.0628  0.0001  0.0041  0.0000  0.0010  0.0005  0.0001 | 2.3230  0.4936  -0.0000  -0.0040  -0.0000  -0.0003  -0.0005  -0.0000 | 0.0009  -0.0140  0.0002  -0.0008  -0.0000  0.0017  -0.0001  -0.0001 |
| 5.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.0463  -0.0012  0.0001  -0.0007  0.0000  0.0004  -0.0001  0.0000 | 0.4184  0.1791  -0.0024  -0.0028  -0.0000  -0.0181  -0.0003  -0.0001 | 0.3830  0.0624  0.0002  0.0041  0.0000  0.0017  0.0005  0.0001 | 2.2764  0.4728  0.0005  -0.0034  -0.0000  0.0036  -0.0004  -0.0000 | -0.0590  -0.0176  0.0002  -0.0015  -0.0000  0.0017  -0.0002  -0.0001 |
| 5.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.0367  0.0036  0.0001  -0.0004  0.0000  0.0006  -0.0001  0.0001 | 0.8378  0.3691  -0.0024  -0.0033  -0.0000  -0.0181  -0.0004  -0.0001 | 0.3646  0.0585  0.0003  0.0039  0.0000  0.0024  0.0005  0.0001 | 2.1341  0.4074  0.0010  -0.0025  0.0000  0.0076  -0.0003  0.0000 | -0.1154  -0.0201  0.0002  -0.0022  -0.0000  0.0015  -0.0003  -0.0001 |
| 5.925 | 3.550 | 1  2  3  4  5  6  7  8 | -0.0205  0.0091  0.0001  0.0000  0.0000  0.0008  0.0000  0.0001 | 1.2619  0.5612  -0.0024  -0.0037  -0.0000  -0.0182  -0.0005  -0.0001 | 0.3360  0.0513  0.0004  0.0037  0.0000  0.0029  0.0005  0.0001 | 1.8946  0.2969  0.0016  -0.0015  0.0000  0.0117  -0.0002  0.0000 | -0.1650  -0.0209  0.0002  -0.0027  -0.0000  0.0013  -0.0003  -0.0001 |
| 5.925 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0021  0.0154  0.0001  0.0004  0.0000  0.0010  0.0001  0.0001 | 1.6926  0.7562  -0.0024  -0.0040  -0.0000  -0.0182  -0.0005  -0.0001 | 0.2986  0.0413  0.0004  0.0033  0.0000  0.0034  0.0004  0.0001 | 1.5552  0.1402  0.0021  -0.0002  0.0000  0.0159  -0.0000  0.0001 | -0.2050  -0.0195  0.0001  -0.0031  -0.0000  0.0009  -0.0004  -0.0001 |
| 5.925 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0309  0.0226  0.0001  0.0007  0.0000  0.0011  0.0001  0.0001 | 2.1312  0.9549  -0.0024  -0.0041  -0.0000  -0.0181  -0.0005  -0.0001 | 0.2541  0.0293  0.0005  0.0028  0.0000  0.0036  0.0003  0.0001 | 1.1128  -0.0640  0.0027  0.0012  0.0000  0.0202  0.0002  0.0001 | -0.2327  -0.0157  0.0001  -0.0034  -0.0000  0.0006  -0.0004  -0.0001 |
| 5.925 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0653  0.0307  0.0001  -0.0003  0.0000  0.0011  -0.0000  0.0001 | 2.5789  1.1579  -0.0024  -0.0041  -0.0000  -0.0181  -0.0005  -0.0001 | 0.2048  0.0165  0.0005  0.0022  0.0000  0.0037  0.0003  0.0001 | 0.5634  -0.3180  0.0033  0.0027  0.0000  0.0246  0.0003  0.0001 | -0.2463  -0.0092  0.0000  -0.0036  -0.0000  0.0003  -0.0004  -0.0001 |
| 5.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1054  0.0400  0.0002  -0.0084  -0.0000  0.0012  -0.0010  -0.0002 | 3.0361  1.3653  -0.0024  -0.0040  -0.0000  -0.0183  -0.0005  -0.0001 | 0.1537  0.0049  0.0005  0.0016  0.0000  0.0037  0.0002  0.0000 | -0.0978  -0.6242  0.0039  0.0042  0.0000  0.0292  0.0005  0.0002 | -0.2443  -0.0002  0.0000  -0.0041  -0.0000  0.0001  -0.0005  -0.0001 |
| 5.925 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1541  0.0490  0.0002  -0.0552  -0.0001  0.0018  -0.0069  -0.0022 | 3.4928  1.5748  -0.0026  -0.0037  -0.0000  -0.0196  -0.0005  -0.0001 | 0.1051  -0.0034  0.0005  0.0010  0.0000  0.0036  0.0001  0.0000 | -0.8770  -0.9856  0.0045  0.0057  0.0000  0.0339  0.0007  0.0002 | -0.2256  0.0110  -0.0000  -0.0080  -0.0000  -0.0000  -0.0010  -0.0002 |
| 5.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.2330  0.0422  0.0008  -0.3174  -0.0008  0.0062  -0.0397  -0.0133 | 3.8759  1.7764  -0.0036  -0.0027  -0.0000  -0.0267  -0.0003  -0.0000 | 0.0694  -0.0058  0.0004  0.0004  0.0000  0.0030  0.0000  0.0000 | -1.7768  -1.4040  0.0052  0.0070  0.0000  0.0393  0.0009  0.0003 | -0.1882  0.0233  0.0000  -0.0308  -0.0001  0.0004  -0.0038  -0.0012 |
| 5.925 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0058  0.0016  0.0001  -0.0253  -0.0001  0.0004  -0.0032  -0.0011 | 4.0332  1.8731  -0.0044  -0.0020  0.0000  -0.0327  -0.0003  0.0000 | 0.0009  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -3.2770  -2.1071  0.0069  0.0080  0.0000  0.0517  0.0010  0.0003 | -0.0530  0.0085  0.0001  -0.0328  -0.0001  0.0005  -0.0041  -0.0013 |
| 6.175 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0075  0.0010  0.0007  -0.0290  0.0001  0.0054  -0.0036  0.0010 | -4.4121  -1.8183  -0.0047  0.0014  -0.0000  -0.0352  0.0002  -0.0002 | -0.0005  0.0001  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.4480  -2.0974  -0.0068  -0.0024  -0.0000  -0.0513  -0.0003  -0.0002 | 0.0452  0.0003  -0.0010  0.0382  -0.0001  -0.0073  0.0048  -0.0013 |
| 6.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.1547  0.0118  0.0089  -0.3669  0.0008  0.0668  -0.0458  0.0133 | -4.1044  -1.7356  -0.0037  0.0004  -0.0000  -0.0279  0.0001  -0.0002 | 0.0513  0.0019  -0.0003  0.0006  -0.0000  -0.0026  0.0001  -0.0000 | -1.8134  -1.4160  -0.0051  -0.0029  -0.0000  -0.0383  -0.0004  -0.0001 | 0.1536  0.0060  -0.0010  0.0348  -0.0001  -0.0073  0.0043  -0.0011 |
| 6.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1292  -0.0065  0.0015  -0.0654  0.0001  0.0114  -0.0082  0.0023 | -3.5559  -1.5558  -0.0026  -0.0006  -0.0000  -0.0194  -0.0001  -0.0001 | 0.1022  0.0037  -0.0003  0.0007  -0.0000  -0.0025  0.0001  -0.0000 | -0.9030  -1.0049  -0.0045  -0.0028  -0.0000  -0.0334  -0.0003  -0.0001 | 0.1855  0.0061  -0.0003  0.0076  -0.0000  -0.0022  0.0009  -0.0001 |
| 6.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0976  -0.0105  0.0002  -0.0115  0.0000  0.0014  -0.0014  0.0003 | -3.0843  -1.3589  -0.0024  -0.0005  -0.0000  -0.0180  -0.0001  -0.0001 | 0.1487  0.0094  -0.0003  0.0012  -0.0000  -0.0023  0.0001  -0.0000 | -0.1117  -0.6446  -0.0039  -0.0030  -0.0000  -0.0290  -0.0004  -0.0001 | 0.2042  0.0041  -0.0002  0.0027  0.0000  -0.0012  0.0003  0.0000 |
| 6.175 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0670  -0.0119  -0.0001  -0.0020  -0.0000  -0.0004  -0.0002  -0.0000 | -2.6258  -1.1601  -0.0024  -0.0004  -0.0000  -0.0178  -0.0000  -0.0001 | 0.1943  0.0176  -0.0003  0.0017  -0.0000  -0.0020  0.0002  -0.0000 | 0.5656  -0.3362  -0.0033  -0.0032  -0.0000  -0.0248  -0.0004  -0.0001 | 0.2087  0.0014  -0.0001  0.0018  0.0000  -0.0008  0.0002  0.0000 |
| 6.175 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0402  -0.0119  -0.0001  -0.0005  -0.0000  -0.0007  -0.0001  -0.0001 | -2.1736  -0.9630  -0.0024  -0.0005  -0.0000  -0.0177  -0.0001  -0.0001 | 0.2370  0.0270  -0.0002  0.0021  -0.0000  -0.0017  0.0003  -0.0000 | 1.1314  -0.0782  -0.0028  -0.0035  -0.0000  -0.0207  -0.0004  -0.0001 | 0.1994  -0.0015  -0.0001  0.0015  0.0000  -0.0004  0.0002  0.0000 |
| 6.175 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0184  -0.0106  -0.0001  -0.0004  -0.0000  -0.0006  -0.0000  -0.0001 | -1.7280  -0.7683  -0.0024  -0.0007  -0.0000  -0.0178  -0.0001  -0.0001 | 0.2745  0.0365  -0.0002  0.0026  -0.0000  -0.0012  0.0003  -0.0000 | 1.5892  0.1306  -0.0022  -0.0037  -0.0000  -0.0166  -0.0005  -0.0001 | 0.1773  -0.0045  0.0000  0.0012  -0.0000  0.0000  0.0001  -0.0000 |
| 6.175 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0018  -0.0083  -0.0001  -0.0005  -0.0000  -0.0004  -0.0001  -0.0001 | -1.2889  -0.5757  -0.0024  -0.0009  -0.0000  -0.0179  -0.0001  -0.0001 | 0.3047  0.0453  -0.0001  0.0030  0.0000  -0.0007  0.0004  0.0000 | 1.9421  0.2916  -0.0017  -0.0039  -0.0000  -0.0125  -0.0005  -0.0001 | 0.1442  -0.0075  0.0001  0.0008  -0.0000  0.0004  0.0001  -0.0000 |
| 6.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.0097  -0.0054  -0.0000  -0.0005  -0.0000  -0.0002  -0.0001  -0.0000 | -0.8555  -0.3847  -0.0024  -0.0013  -0.0000  -0.0179  -0.0002  -0.0001 | 0.3265  0.0526  -0.0000  0.0033  0.0000  -0.0002  0.0004  0.0000 | 2.1927  0.4058  -0.0011  -0.0038  -0.0000  -0.0085  -0.0005  -0.0000 | 0.1021  -0.0103  0.0001  0.0003  -0.0000  0.0007  0.0000  -0.0000 |
| 6.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.0165  -0.0021  -0.0000  -0.0005  -0.0000  -0.0000  -0.0001  -0.0000 | -0.4261  -0.1949  -0.0024  -0.0017  -0.0000  -0.0180  -0.0002  -0.0001 | 0.3390  0.0578  0.0001  0.0035  0.0000  0.0004  0.0004  0.0000 | 2.3428  0.4742  -0.0006  -0.0036  -0.0000  -0.0045  -0.0005  -0.0000 | 0.0538  -0.0129  0.0001  -0.0003  -0.0000  0.0010  -0.0000  -0.0001 |
| 6.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.0190  0.0013  0.0000  -0.0005  0.0000  0.0002  -0.0001  0.0000 | 0.0011  -0.0054  -0.0024  -0.0021  -0.0000  -0.0181  -0.0003  -0.0001 | 0.3421  0.0604  0.0001  0.0036  0.0000  0.0010  0.0004  0.0000 | 2.3934  0.4971  -0.0001  -0.0032  -0.0000  -0.0004  -0.0004  -0.0000 | 0.0022  -0.0149  0.0002  -0.0009  -0.0000  0.0012  -0.0001  -0.0001 |
| 6.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.0171  0.0046  0.0001  -0.0003  0.0000  0.0004  -0.0000  0.0000 | 0.4283  0.1843  -0.0024  -0.0025  -0.0000  -0.0181  -0.0003  -0.0001 | 0.3357  0.0601  0.0002  0.0036  0.0000  0.0015  0.0004  0.0000 | 2.3448  0.4751  0.0005  -0.0026  0.0000  0.0037  -0.0003  0.0000 | -0.0495  -0.0160  0.0002  -0.0015  -0.0000  0.0012  -0.0002  -0.0001 |
| 6.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.0110  0.0078  0.0001  -0.0000  0.0000  0.0006  -0.0000  0.0001 | 0.8578  0.3753  -0.0024  -0.0028  -0.0000  -0.0182  -0.0004  -0.0001 | 0.3202  0.0566  0.0003  0.0034  0.0000  0.0020  0.0004  0.0001 | 2.1965  0.4079  0.0010  -0.0018  0.0000  0.0078  -0.0002  0.0000 | -0.0982  -0.0159  0.0001  -0.0020  -0.0000  0.0011  -0.0003  -0.0001 |
| 6.175 | 3.550 | 1  2  3  4  5  6  7  8 | -0.0002  0.0108  0.0001  0.0003  0.0000  0.0008  0.0000  0.0001 | 1.2914  0.5682  -0.0024  -0.0031  -0.0000  -0.0181  -0.0004  -0.0001 | 0.2961  0.0501  0.0003  0.0032  0.0000  0.0025  0.0004  0.0001 | 1.9472  0.2952  0.0016  -0.0009  0.0000  0.0120  -0.0001  0.0000 | -0.1408  -0.0144  0.0001  -0.0025  -0.0000  0.0009  -0.0003  -0.0001 |
| 6.175 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0156  0.0139  0.0001  0.0006  0.0000  0.0009  0.0001  0.0001 | 1.7308  0.7638  -0.0024  -0.0033  -0.0000  -0.0181  -0.0004  -0.0001 | 0.2643  0.0409  0.0004  0.0028  0.0000  0.0028  0.0004  0.0001 | 1.5949  0.1361  0.0022  0.0002  0.0000  0.0163  0.0000  0.0001 | -0.1748  -0.0111  0.0001  -0.0028  -0.0000  0.0007  -0.0004  -0.0001 |
| 6.175 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0365  0.0171  0.0001  0.0007  0.0000  0.0010  0.0001  0.0001 | 2.1768  0.9630  -0.0024  -0.0034  -0.0000  -0.0180  -0.0004  -0.0001 | 0.2261  0.0297  0.0004  0.0024  0.0000  0.0031  0.0003  0.0001 | 1.1370  -0.0708  0.0027  0.0014  0.0000  0.0206  0.0002  0.0001 | -0.1980  -0.0062  0.0001  -0.0030  -0.0000  0.0004  -0.0004  -0.0001 |
| 6.175 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0626  0.0206  0.0001  -0.0004  0.0000  0.0011  -0.0001  0.0001 | 2.6300  1.1665  -0.0024  -0.0034  -0.0000  -0.0180  -0.0004  -0.0001 | 0.1834  0.0175  0.0004  0.0019  0.0000  0.0032  0.0002  0.0000 | 0.5702  -0.3272  0.0033  0.0026  0.0000  0.0249  0.0003  0.0001 | -0.2089  0.0003  0.0000  -0.0032  -0.0000  0.0002  -0.0004  -0.0001 |
| 6.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0942  0.0245  0.0002  -0.0085  -0.0000  0.0016  -0.0011  -0.0002 | 3.0906  1.3756  -0.0024  -0.0033  -0.0000  -0.0182  -0.0004  -0.0001 | 0.1384  0.0056  0.0004  0.0014  0.0000  0.0033  0.0002  0.0000 | -0.1087  -0.6354  0.0039  0.0038  0.0000  0.0293  0.0005  0.0001 | -0.2064  0.0080  0.0000  -0.0037  -0.0000  0.0001  -0.0005  -0.0001 |
| 6.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1353  0.0287  0.0006  -0.0555  -0.0001  0.0044  -0.0069  -0.0022 | 3.5677  1.5926  -0.0027  -0.0031  -0.0000  -0.0199  -0.0004  -0.0000 | 0.0928  -0.0043  0.0005  0.0009  0.0000  0.0034  0.0001  0.0000 | -0.9028  -0.9984  0.0045  0.0051  0.0000  0.0339  0.0006  0.0002 | -0.1898  0.0162  0.0000  -0.0076  -0.0000  0.0003  -0.0010  -0.0002 |
| 6.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.2085  0.0236  0.0028  -0.3187  -0.0008  0.0210  -0.0398  -0.0134 | 4.1317  1.8207  -0.0040  -0.0024  0.0000  -0.0301  -0.0003  0.0000 | 0.0430  -0.0105  0.0004  0.0003  -0.0000  0.0033  0.0000  -0.0000 | -1.8184  -1.4203  0.0052  0.0063  0.0000  0.0391  0.0008  0.0002 | -0.1572  0.0241  0.0002  -0.0310  -0.0001  0.0018  -0.0039  -0.0012 |
| 6.175 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0041  0.0016  0.0002  -0.0253  -0.0001  0.0016  -0.0032  -0.0011 | 4.4508  1.9379  -0.0052  -0.0018  0.0000  -0.0389  -0.0002  0.0001 | -0.0006  -0.0001  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -3.4684  -2.1461  0.0072  0.0072  0.0000  0.0536  0.0009  0.0002 | -0.0437  0.0083  0.0003  -0.0335  -0.0001  0.0021  -0.0042  -0.0014 |
| 6.425 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0048  0.0029  0.0006  -0.0289  0.0001  0.0044  -0.0036  0.0010 | -4.1087  -1.8319  -0.0040  -0.0022  -0.0000  -0.0300  -0.0003  -0.0000 | 0.0010  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -3.3971  -2.1004  -0.0066  -0.0033  -0.0000  -0.0497  -0.0004  -0.0001 | 0.0352  -0.0010  -0.0008  0.0373  -0.0001  -0.0060  0.0047  -0.0013 |
| 6.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.1517  0.0372  0.0073  -0.3665  0.0008  0.0546  -0.0458  0.0133 | -3.9614  -1.7446  -0.0033  -0.0015  -0.0000  -0.0251  -0.0002  -0.0000 | 0.0692  0.0012  -0.0003  0.0003  -0.0000  -0.0021  0.0000  -0.0000 | -1.8668  -1.4132  -0.0051  -0.0027  -0.0000  -0.0385  -0.0003  -0.0001 | 0.1231  0.0044  -0.0008  0.0339  -0.0001  -0.0063  0.0042  -0.0011 |
| 6.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1164  -0.0071  0.0012  -0.0656  0.0001  0.0091  -0.0082  0.0023 | -3.5903  -1.5583  -0.0026  -0.0008  -0.0000  -0.0191  -0.0001  -0.0000 | 0.0981  0.0032  -0.0003  0.0007  -0.0000  -0.0022  0.0001  -0.0000 | -0.9382  -1.0003  -0.0045  -0.0028  -0.0000  -0.0335  -0.0004  -0.0001 | 0.1525  0.0027  -0.0003  0.0072  -0.0000  -0.0022  0.0009  -0.0001 |
| 6.425 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0861  -0.0153  0.0001  -0.0116  0.0000  0.0010  -0.0014  0.0003 | -3.1338  -1.3589  -0.0024  -0.0007  -0.0000  -0.0179  -0.0001  -0.0001 | 0.1371  0.0093  -0.0003  0.0011  -0.0000  -0.0019  0.0001  -0.0000 | -0.1268  -0.6401  -0.0039  -0.0030  -0.0000  -0.0293  -0.0004  -0.0001 | 0.1702  -0.0016  -0.0002  0.0024  0.0000  -0.0014  0.0003  0.0000 |
| 6.425 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0605  -0.0153  -0.0001  -0.0020  -0.0000  -0.0005  -0.0002  -0.0000 | -2.6705  -1.1588  -0.0023  -0.0007  -0.0000  -0.0176  -0.0001  -0.0001 | 0.1766  0.0177  -0.0002  0.0015  -0.0000  -0.0015  0.0002  -0.0000 | 0.5675  -0.3319  -0.0034  -0.0031  -0.0000  -0.0252  -0.0004  -0.0001 | 0.1761  -0.0056  -0.0001  0.0015  0.0000  -0.0010  0.0002  0.0000 |
| 6.425 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0400  -0.0127  -0.0001  -0.0003  -0.0000  -0.0006  -0.0000  -0.0001 | -2.2121  -0.9608  -0.0023  -0.0008  -0.0000  -0.0176  -0.0001  -0.0001 | 0.2128  0.0270  -0.0001  0.0019  -0.0000  -0.0011  0.0002  -0.0000 | 1.1490  -0.0744  -0.0028  -0.0032  -0.0000  -0.0211  -0.0004  -0.0001 | 0.1701  -0.0090  -0.0001  0.0012  0.0000  -0.0007  0.0001  0.0000 |
| 6.425 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0246  -0.0090  -0.0001  -0.0001  -0.0000  -0.0005  -0.0000  -0.0001 | -1.7598  -0.7654  -0.0024  -0.0010  -0.0000  -0.0177  -0.0001  -0.0001 | 0.2435  0.0363  -0.0001  0.0023  -0.0000  -0.0007  0.0003  -0.0000 | 1.6209  0.1340  -0.0023  -0.0033  -0.0000  -0.0171  -0.0004  -0.0000 | 0.1530  -0.0116  -0.0000  0.0009  -0.0000  -0.0003  0.0001  -0.0000 |
| 6.425 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0140  -0.0048  -0.0000  -0.0002  -0.0000  -0.0003  -0.0000  -0.0001 | -1.3134  -0.5722  -0.0024  -0.0012  -0.0000  -0.0178  -0.0001  -0.0001 | 0.2675  0.0445  -0.0000  0.0026  -0.0000  -0.0003  0.0003  -0.0000 | 1.9858  0.2946  -0.0017  -0.0033  -0.0000  -0.0130  -0.0004  -0.0000 | 0.1258  -0.0137  0.0000  0.0005  -0.0000  0.0000  0.0001  -0.0000 |
| 6.425 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0073  -0.0004  -0.0000  -0.0002  -0.0000  -0.0001  -0.0000  -0.0000 | -0.8722  -0.3808  -0.0024  -0.0014  -0.0000  -0.0179  -0.0002  -0.0001 | 0.2841  0.0513  0.0000  0.0029  0.0000  0.0002  0.0004  0.0000 | 2.2456  0.4083  -0.0012  -0.0032  -0.0000  -0.0089  -0.0004  -0.0000 | 0.0902  -0.0151  0.0000  0.0001  -0.0000  0.0003  0.0000  -0.0001 |
| 6.425 | 2.550 | 1  2  3  4  5  6  7  8 | 0.0035  0.0038  0.0000  -0.0002  -0.0000  0.0001  -0.0000  -0.0000 | -0.4349  -0.1907  -0.0024  -0.0017  -0.0000  -0.0180  -0.0002  -0.0001 | 0.2932  0.0562  0.0001  0.0030  0.0000  0.0006  0.0004  0.0000 | 2.4016  0.4758  -0.0006  -0.0029  -0.0000  -0.0047  -0.0004  -0.0000 | 0.0485  -0.0159  0.0001  -0.0004  -0.0000  0.0006  -0.0001  -0.0001 |
| 6.425 | 2.800 | 1  2  3  4  5  6  7  8 | 0.0022  0.0073  0.0000  -0.0001  0.0000  0.0003  -0.0000  0.0000 | 0.0005  -0.0011  -0.0024  -0.0020  -0.0000  -0.0181  -0.0002  -0.0001 | 0.2950  0.0588  0.0001  0.0031  0.0000  0.0010  0.0004  0.0000 | 2.4544  0.4977  -0.0001  -0.0025  -0.0000  -0.0005  -0.0003  -0.0000 | 0.0035  -0.0159  0.0001  -0.0009  -0.0000  0.0008  -0.0001  -0.0001 |
| 6.425 | 3.050 | 1  2  3  4  5  6  7  8 | 0.0029  0.0099  0.0001  0.0000  0.0000  0.0005  0.0000  0.0000 | 0.4359  0.1887  -0.0024  -0.0022  -0.0000  -0.0182  -0.0003  -0.0001 | 0.2897  0.0589  0.0002  0.0031  0.0000  0.0014  0.0004  0.0000 | 2.4041  0.4743  0.0005  -0.0020  0.0000  0.0037  -0.0002  0.0000 | -0.0417  -0.0148  0.0001  -0.0014  -0.0000  0.0008  -0.0002  -0.0001 |
| 6.425 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0059  0.0116  0.0001  0.0002  0.0000  0.0006  0.0000  0.0001 | 0.8734  0.3795  -0.0024  -0.0025  -0.0000  -0.0182  -0.0003  -0.0001 | 0.2775  0.0562  0.0002  0.0029  0.0000  0.0018  0.0004  0.0000 | 2.2503  0.4054  0.0011  -0.0013  0.0000  0.0079  -0.0002  0.0000 | -0.0841  -0.0124  0.0001  -0.0019  -0.0000  0.0008  -0.0002  -0.0001 |
| 6.425 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0119  0.0123  0.0001  0.0005  0.0000  0.0008  0.0001  0.0001 | 1.3147  0.5722  -0.0024  -0.0027  -0.0000  -0.0181  -0.0003  -0.0001 | 0.2584  0.0507  0.0003  0.0027  0.0000  0.0021  0.0003  0.0000 | 1.9921  0.2909  0.0016  -0.0004  0.0000  0.0122  -0.0001  0.0000 | -0.1208  -0.0086  0.0001  -0.0022  -0.0000  0.0006  -0.0003  -0.0001 |
| 6.425 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0216  0.0123  0.0001  0.0007  0.0000  0.0009  0.0001  0.0001 | 1.7612  0.7674  -0.0024  -0.0028  -0.0000  -0.0181  -0.0003  -0.0001 | 0.2328  0.0426  0.0003  0.0024  0.0000  0.0024  0.0003  0.0000 | 1.6282  0.1300  0.0022  0.0005  0.0000  0.0165  0.0001  0.0001 | -0.1495  -0.0034  0.0001  -0.0025  -0.0000  0.0005  -0.0003  -0.0001 |
| 6.425 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0358  0.0117  0.0001  0.0008  0.0000  0.0009  0.0001  0.0001 | 2.2137  0.9660  -0.0024  -0.0028  -0.0000  -0.0180  -0.0004  -0.0000 | 0.2012  0.0323  0.0003  0.0020  0.0000  0.0026  0.0003  0.0000 | 1.1566  -0.0785  0.0028  0.0015  0.0000  0.0208  0.0002  0.0001 | -0.1685  0.0028  0.0000  -0.0027  -0.0000  0.0003  -0.0003  -0.0001 |
| 6.425 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0549  0.0106  0.0001  -0.0005  0.0000  0.0011  -0.0001  0.0001 | 2.6728  1.1686  -0.0024  -0.0028  -0.0000  -0.0179  -0.0003  -0.0000 | 0.1650  0.0207  0.0004  0.0017  0.0000  0.0028  0.0002  0.0000 | 0.5747  -0.3360  0.0034  0.0025  0.0000  0.0252  0.0003  0.0001 | -0.1765  0.0097  0.0000  -0.0028  -0.0000  0.0001  -0.0003  -0.0001 |
| 6.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0792  0.0079  0.0003  -0.0086  -0.0000  0.0020  -0.0011  -0.0003 | 3.1387  1.3770  -0.0024  -0.0027  -0.0000  -0.0182  -0.0003  -0.0000 | 0.1260  0.0089  0.0004  0.0013  0.0000  0.0030  0.0002  0.0000 | -0.1206  -0.6447  0.0039  0.0035  0.0000  0.0295  0.0004  0.0001 | -0.1730  0.0166  0.0000  -0.0034  -0.0000  0.0000  -0.0004  -0.0001 |
| 6.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.1111  -0.0001  0.0010  -0.0556  -0.0001  0.0072  -0.0069  -0.0023 | 3.6044  1.5963  -0.0026  -0.0027  -0.0000  -0.0198  -0.0003  -0.0000 | 0.0872  -0.0018  0.0004  0.0009  0.0000  0.0031  0.0001  0.0000 | -0.9341  -1.0075  0.0045  0.0044  0.0000  0.0340  0.0005  0.0001 | -0.1573  0.0229  0.0001  -0.0072  -0.0000  0.0004  -0.0009  -0.0002 |
| 6.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.1690  -0.0272  0.0048  -0.3188  -0.0008  0.0363  -0.0398  -0.0135 | 4.0079  1.8386  -0.0037  -0.0032  -0.0000  -0.0276  -0.0004  -0.0000 | 0.0574  -0.0102  0.0004  0.0006  0.0000  0.0029  0.0001  0.0000 | -1.8686  -1.4304  0.0052  0.0053  0.0000  0.0393  0.0007  0.0001 | -0.1284  0.0262  0.0004  -0.0299  -0.0001  0.0030  -0.0037  -0.0011 |
| 6.425 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0032  0.0003  0.0004  -0.0253  -0.0001  0.0028  -0.0032  -0.0011 | 4.1802  1.9676  -0.0046  -0.0037  0.0000  -0.0341  -0.0005  0.0000 | 0.0008  -0.0002  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -3.4261  -2.1673  0.0070  0.0068  0.0000  0.0521  0.0009  0.0001 | -0.0351  0.0080  0.0005  -0.0325  -0.0001  0.0035  -0.0041  -0.0013 |
| 6.675 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0028  0.0039  0.0005  -0.0290  0.0001  0.0035  -0.0036  0.0010 | -4.5334  -1.8699  -0.0047  -0.0033  0.0000  -0.0355  -0.0004  0.0001 | -0.0006  -0.0001  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -3.5824  -2.1044  -0.0068  -0.0038  -0.0000  -0.0513  -0.0005  -0.0000 | 0.0259  -0.0022  -0.0007  0.0382  -0.0001  -0.0049  0.0048  -0.0013 |
| 6.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.1376  0.0425  0.0056  -0.3682  0.0008  0.0421  -0.0460  0.0134 | -4.2147  -1.7672  -0.0037  -0.0022  0.0000  -0.0280  -0.0003  0.0000 | 0.0454  -0.0037  -0.0003  0.0002  0.0000  -0.0024  0.0000  0.0000 | -1.9010  -1.4042  -0.0051  -0.0028  -0.0000  -0.0382  -0.0003  -0.0001 | 0.0942  0.0022  -0.0007  0.0344  -0.0001  -0.0055  0.0043  -0.0011 |
| 6.675 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1000  -0.0142  0.0009  -0.0658  0.0001  0.0068  -0.0082  0.0023 | -3.6515  -1.5608  -0.0026  -0.0010  -0.0000  -0.0191  -0.0001  -0.0000 | 0.0916  0.0011  -0.0003  0.0007  -0.0000  -0.0020  0.0001  -0.0000 | -0.9620  -0.9915  -0.0045  -0.0029  -0.0000  -0.0335  -0.0004  -0.0001 | 0.1221  -0.0015  -0.0003  0.0070  -0.0000  -0.0023  0.0009  -0.0001 |
| 6.675 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0710  -0.0222  0.0001  -0.0116  0.0000  0.0005  -0.0014  0.0003 | -3.1727  -1.3554  -0.0023  -0.0009  -0.0000  -0.0176  -0.0001  -0.0000 | 0.1297  0.0088  -0.0002  0.0010  -0.0000  -0.0016  0.0001  -0.0000 | -0.1410  -0.6330  -0.0039  -0.0030  -0.0000  -0.0294  -0.0004  -0.0000 | 0.1402  -0.0078  -0.0002  0.0021  0.0000  -0.0017  0.0003  0.0000 |
| 6.675 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0492  -0.0195  -0.0001  -0.0019  -0.0000  -0.0005  -0.0002  -0.0000 | -2.7059  -1.1535  -0.0023  -0.0010  -0.0000  -0.0173  -0.0001  -0.0000 | 0.1640  0.0180  -0.0001  0.0014  -0.0000  -0.0011  0.0002  -0.0000 | 0.5663  -0.3267  -0.0034  -0.0030  -0.0000  -0.0255  -0.0004  -0.0000 | 0.1483  -0.0128  -0.0002  0.0012  0.0000  -0.0014  0.0001  0.0000 |
| 6.675 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0339  -0.0140  -0.0001  -0.0002  -0.0000  -0.0005  -0.0000  -0.0001 | -2.2431  -0.9551  -0.0023  -0.0011  -0.0000  -0.0174  -0.0001  -0.0000 | 0.1938  0.0275  -0.0001  0.0017  -0.0000  -0.0006  0.0002  -0.0000 | 1.1612  -0.0707  -0.0029  -0.0030  -0.0000  -0.0215  -0.0004  -0.0000 | 0.1462  -0.0163  -0.0001  0.0009  0.0000  -0.0011  0.0001  0.0000 |
| 6.675 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0244  -0.0078  -0.0001  0.0000  -0.0000  -0.0004  0.0000  -0.0001 | -1.7853  -0.7597  -0.0023  -0.0012  -0.0000  -0.0175  -0.0001  -0.0000 | 0.2173  0.0364  -0.0000  0.0020  -0.0000  -0.0002  0.0003  -0.0000 | 1.6458  0.1365  -0.0023  -0.0030  -0.0000  -0.0175  -0.0004  -0.0000 | 0.1341  -0.0184  -0.0001  0.0006  -0.0000  -0.0007  0.0001  -0.0000 |
| 6.675 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0194  -0.0014  -0.0000  0.0000  -0.0000  -0.0002  0.0000  -0.0001 | -1.3332  -0.5666  -0.0024  -0.0013  -0.0000  -0.0177  -0.0002  -0.0000 | 0.2341  0.0442  0.0000  0.0023  -0.0000  0.0002  0.0003  -0.0000 | 2.0220  0.2960  -0.0018  -0.0029  -0.0000  -0.0134  -0.0004  -0.0000 | 0.1124  -0.0194  -0.0000  0.0003  -0.0000  -0.0003  0.0000  -0.0000 |
| 6.675 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0172  0.0046  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -0.8860  -0.3754  -0.0024  -0.0015  -0.0000  -0.0179  -0.0002  -0.0000 | 0.2444  0.0504  0.0001  0.0025  0.0000  0.0005  0.0003  0.0000 | 2.2910  0.4088  -0.0012  -0.0027  0.0000  -0.0093  -0.0003  0.0000 | 0.0821  -0.0196  0.0000  -0.0001  -0.0000  0.0000  -0.0000  -0.0001 |
| 6.675 | 2.550 | 1  2  3  4  5  6  7  8 | 0.0163  0.0097  0.0000  0.0001  -0.0000  0.0002  0.0000  -0.0000 | -0.4424  -0.1856  -0.0024  -0.0017  -0.0000  -0.0180  -0.0002  -0.0000 | 0.2491  0.0550  0.0001  0.0026  0.0000  0.0008  0.0003  0.0000 | 2.4531  0.4752  -0.0007  -0.0024  0.0000  -0.0050  -0.0003  0.0000 | 0.0454  -0.0189  0.0000  -0.0005  -0.0000  0.0003  -0.0001  -0.0001 |
| 6.675 | 2.800 | 1  2  3  4  5  6  7  8 | 0.0158  0.0135  0.0001  0.0001  0.0000  0.0004  0.0000  0.0000 | -0.0004  0.0035  -0.0024  -0.0019  -0.0000  -0.0182  -0.0002  -0.0000 | 0.2491  0.0578  0.0001  0.0026  0.0000  0.0011  0.0003  0.0000 | 2.5083  0.4958  -0.0001  -0.0019  0.0000  -0.0007  -0.0002  0.0000 | 0.0050  -0.0171  0.0001  -0.0009  -0.0000  0.0005  -0.0001  -0.0001 |
| 6.675 | 3.050 | 1  2  3  4  5  6  7  8 | 0.0155  0.0156  0.0001  0.0002  0.0000  0.0005  0.0000  0.0000 | 0.4418  0.1926  -0.0024  -0.0020  -0.0000  -0.0182  -0.0003  -0.0000 | 0.2451  0.0585  0.0002  0.0026  0.0000  0.0013  0.0003  0.0000 | 2.4564  0.4707  0.0005  -0.0014  0.0000  0.0037  -0.0002  0.0000 | -0.0358  -0.0141  0.0001  -0.0013  -0.0000  0.0006  -0.0002  -0.0001 |
| 6.675 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0157  0.0160  0.0001  0.0004  0.0000  0.0006  0.0001  0.0001 | 0.8857  0.3823  -0.0024  -0.0022  -0.0000  -0.0182  -0.0003  -0.0000 | 0.2369  0.0570  0.0002  0.0025  0.0000  0.0015  0.0003  0.0000 | 2.2972  0.4001  0.0011  -0.0008  0.0000  0.0080  -0.0001  0.0000 | -0.0737  -0.0097  0.0001  -0.0017  -0.0000  0.0005  -0.0002  -0.0001 |
| 6.675 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0172  0.0147  0.0001  0.0006  0.0000  0.0007  0.0001  0.0001 | 1.3331  0.5737  -0.0024  -0.0023  -0.0000  -0.0182  -0.0003  -0.0000 | 0.2238  0.0530  0.0002  0.0023  0.0000  0.0018  0.0003  0.0000 | 2.0305  0.2839  0.0017  -0.0001  0.0000  0.0124  -0.0000  0.0000 | -0.1057  -0.0037  0.0001  -0.0021  -0.0000  0.0004  -0.0003  -0.0001 |
| 6.675 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0213  0.0118  0.0001  0.0008  0.0000  0.0008  0.0001  0.0001 | 1.7853  0.7674  -0.0024  -0.0023  -0.0000  -0.0181  -0.0003  -0.0000 | 0.2053  0.0463  0.0003  0.0020  0.0000  0.0020  0.0003  0.0000 | 1.6557  0.1217  0.0022  0.0007  0.0000  0.0168  0.0001  0.0000 | -0.1297  0.0034  0.0000  -0.0023  -0.0000  0.0003  -0.0003  -0.0001 |
| 6.675 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0294  0.0077  0.0001  0.0007  0.0000  0.0008  0.0001  0.0001 | 2.2432  0.9643  -0.0024  -0.0023  -0.0000  -0.0179  -0.0003  -0.0000 | 0.1810  0.0371  0.0003  0.0017  0.0000  0.0022  0.0002  0.0000 | 1.1716  -0.0875  0.0028  0.0015  0.0000  0.0211  0.0002  0.0000 | -0.1444  0.0111  0.0000  -0.0024  -0.0000  0.0001  -0.0003  -0.0001 |
| 6.675 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0428  0.0022  0.0001  -0.0005  0.0000  0.0011  -0.0001  0.0001 | 2.7063  1.1649  -0.0024  -0.0023  -0.0000  -0.0179  -0.0003  -0.0000 | 0.1516  0.0263  0.0003  0.0014  0.0000  0.0024  0.0002  0.0000 | 0.5764  -0.3450  0.0034  0.0023  0.0000  0.0254  0.0003  0.0001 | -0.1491  0.0186  -0.0000  -0.0025  -0.0000  -0.0001  -0.0003  -0.0001 |
| 6.675 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0619  -0.0055  0.0003  -0.0087  -0.0000  0.0025  -0.0011  -0.0003 | 3.1737  1.3690  -0.0024  -0.0022  -0.0000  -0.0180  -0.0003  -0.0000 | 0.1184  0.0151  0.0004  0.0011  0.0000  0.0027  0.0001  0.0000 | -0.1319  -0.6530  0.0040  0.0031  0.0000  0.0296  0.0004  0.0001 | -0.1437  0.0251  -0.0000  -0.0031  -0.0000  -0.0001  -0.0004  -0.0001 |
| 6.675 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0884  -0.0190  0.0013  -0.0553  -0.0001  0.0099  -0.0069  -0.0023 | 3.6518  1.5729  -0.0026  -0.0024  -0.0000  -0.0197  -0.0003  -0.0000 | 0.0826  0.0059  0.0004  0.0009  0.0000  0.0029  0.0001  0.0000 | -0.9551  -1.0139  0.0045  0.0038  0.0000  0.0340  0.0005  0.0001 | -0.1282  0.0293  0.0001  -0.0071  -0.0000  0.0005  -0.0009  -0.0002 |
| 6.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.1384  -0.0473  0.0068  -0.3157  -0.0008  0.0509  -0.0394  -0.0134 | 4.2054  1.7605  -0.0039  -0.0052  -0.0000  -0.0292  -0.0006  -0.0001 | 0.0405  0.0016  0.0004  0.0010  0.0000  0.0029  0.0001  0.0000 | -1.8970  -1.4285  0.0052  0.0043  0.0000  0.0391  0.0005  0.0001 | -0.1016  0.0290  0.0006  -0.0303  -0.0001  0.0043  -0.0038  -0.0012 |
| 6.675 | 5.300 | 1  2  3  4  5  6  7  8 | -0.0020  0.0003  0.0005  -0.0250  -0.0001  0.0039  -0.0031  -0.0011 | 4.5155  1.8470  -0.0050  -0.0078  -0.0000  -0.0373  -0.0010  -0.0002 | -0.0006  0.0001  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.5734  -2.1200  0.0071  0.0071  0.0000  0.0530  0.0009  0.0001 | -0.0267  0.0087  0.0007  -0.0331  -0.0001  0.0051  -0.0041  -0.0014 |
| 6.925 | 0.300 | 1  2  3  4  5  6  7  8 | -0.0014  0.0034  0.0003  -0.0290  0.0001  0.0025  -0.0036  0.0011 | -4.2385  -1.9077  -0.0041  -0.0000  -0.0000  -0.0311  -0.0000  -0.0000 | 0.0009  -0.0002  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.5277  -2.1068  -0.0066  -0.0031  -0.0000  -0.0496  -0.0004  -0.0000 | 0.0165  -0.0026  -0.0005  0.0371  -0.0001  -0.0037  0.0046  -0.0013 |
| 6.925 | 0.550 | 1  2  3  4  5  6  7  8 | 0.1063  0.0142  0.0039  -0.3688  0.0008  0.0290  -0.0461  0.0134 | -4.0740  -1.7867  -0.0034  -0.0005  -0.0000  -0.0254  -0.0001  -0.0000 | 0.0660  -0.0075  -0.0003  0.0005  -0.0000  -0.0020  0.0001  -0.0000 | -1.9488  -1.3923  -0.0051  -0.0032  -0.0000  -0.0381  -0.0004  -0.0000 | 0.0653  -0.0003  -0.0006  0.0332  -0.0001  -0.0046  0.0042  -0.0011 |
| 6.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.0767  -0.0309  0.0006  -0.0659  0.0001  0.0043  -0.0082  0.0023 | -3.6787  -1.5573  -0.0025  -0.0011  -0.0000  -0.0185  -0.0001  -0.0000 | 0.0946  0.0000  -0.0002  0.0007  -0.0000  -0.0018  0.0001  -0.0000 | -0.9952  -0.9798  -0.0045  -0.0031  -0.0000  -0.0335  -0.0004  -0.0000 | 0.0929  -0.0071  -0.0003  0.0066  -0.0000  -0.0025  0.0008  -0.0001 |
| 6.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0510  -0.0312  0.0000  -0.0116  0.0000  0.0000  -0.0014  0.0003 | -3.2103  -1.3463  -0.0023  -0.0012  -0.0000  -0.0171  -0.0001  -0.0000 | 0.1284  0.0093  -0.0002  0.0010  -0.0000  -0.0012  0.0001  -0.0000 | -0.1593  -0.6245  -0.0040  -0.0030  0.0000  -0.0296  -0.0004  0.0000 | 0.1130  -0.0148  -0.0003  0.0018  0.0000  -0.0021  0.0002  0.0000 |
| 6.925 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0328  -0.0239  -0.0001  -0.0019  -0.0000  -0.0005  -0.0002  -0.0000 | -2.7368  -1.1439  -0.0023  -0.0012  -0.0000  -0.0169  -0.0001  -0.0000 | 0.1586  0.0192  -0.0001  0.0012  -0.0000  -0.0006  0.0002  -0.0000 | 0.5603  -0.3212  -0.0034  -0.0029  0.0000  -0.0259  -0.0004  0.0000 | 0.1249  -0.0204  -0.0002  0.0009  0.0000  -0.0018  0.0001  0.0000 |
| 6.925 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0226  -0.0151  -0.0001  -0.0001  -0.0000  -0.0004  -0.0000  -0.0001 | -2.2682  -0.9461  -0.0023  -0.0013  -0.0000  -0.0171  -0.0002  -0.0000 | 0.1819  0.0287  -0.0000  0.0015  -0.0000  -0.0001  0.0002  -0.0000 | 1.1672  -0.0676  -0.0029  -0.0028  0.0000  -0.0220  -0.0003  0.0000 | 0.1280  -0.0235  -0.0002  0.0007  0.0000  -0.0014  0.0001  0.0000 |
| 6.925 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0193  -0.0061  -0.0000  0.0001  -0.0000  -0.0002  0.0000  -0.0001 | -1.8059  -0.7514  -0.0023  -0.0013  -0.0000  -0.0173  -0.0002  -0.0000 | 0.1973  0.0371  0.0000  0.0017  -0.0000  0.0003  0.0002  -0.0000 | 1.6640  0.1378  -0.0024  -0.0026  0.0000  -0.0180  -0.0003  0.0000 | 0.1215  -0.0247  -0.0001  0.0004  -0.0000  -0.0010  0.0001  -0.0000 |
| 6.925 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0201  0.0024  0.0000  0.0002  -0.0000  0.0001  0.0000  -0.0001 | -1.3499  -0.5591  -0.0023  -0.0014  -0.0000  -0.0176  -0.0002  -0.0000 | 0.2051  0.0441  0.0001  0.0019  -0.0000  0.0006  0.0002  -0.0000 | 2.0518  0.2960  -0.0019  -0.0025  0.0000  -0.0139  -0.0003  0.0000 | 0.1050  -0.0247  -0.0001  0.0001  -0.0000  -0.0005  0.0000  -0.0000 |
| 6.925 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0219  0.0100  0.0000  0.0002  -0.0000  0.0003  0.0000  -0.0000 | -0.8986  -0.3688  -0.0024  -0.0016  -0.0000  -0.0179  -0.0002  -0.0000 | 0.2073  0.0495  0.0001  0.0021  -0.0000  0.0008  0.0003  -0.0000 | 2.3308  0.4076  -0.0013  -0.0022  0.0000  -0.0097  -0.0003  0.0000 | 0.0790  -0.0237  -0.0000  -0.0002  -0.0000  -0.0001  -0.0000  -0.0001 |
| 6.925 | 2.550 | 1  2  3  4  5  6  7  8 | 0.0230  0.0162  0.0001  0.0002  -0.0000  0.0004  0.0000  -0.0000 | -0.4498  -0.1798  -0.0024  -0.0017  -0.0000  -0.0181  -0.0002  -0.0000 | 0.2062  0.0536  0.0001  0.0021  -0.0000  0.0010  0.0003  -0.0000 | 2.5000  0.4728  -0.0007  -0.0019  0.0000  -0.0053  -0.0002  0.0000 | 0.0451  -0.0218  0.0000  -0.0005  -0.0000  0.0002  -0.0001  -0.0001 |
| 6.925 | 2.800 | 1  2  3  4  5  6  7  8 | 0.0228  0.0205  0.0001  0.0003  0.0000  0.0005  0.0000  0.0000 | -0.0017  0.0084  -0.0024  -0.0018  -0.0000  -0.0183  -0.0002  -0.0000 | 0.2039  0.0566  0.0001  0.0022  0.0000  0.0011  0.0003  0.0000 | 2.5581  0.4918  -0.0001  -0.0014  0.0000  -0.0009  -0.0002  0.0000 | 0.0068  -0.0188  0.0000  -0.0009  -0.0000  0.0003  -0.0001  -0.0001 |
| 6.925 | 3.050 | 1  2  3  4  5  6  7  8 | 0.0217  0.0226  0.0001  0.0004  0.0000  0.0005  0.0000  0.0000 | 0.4468  0.1963  -0.0024  -0.0019  -0.0000  -0.0184  -0.0002  -0.0000 | 0.2015  0.0584  0.0002  0.0021  0.0000  0.0012  0.0003  0.0000 | 2.5045  0.4649  0.0005  -0.0009  0.0000  0.0036  -0.0001  0.0000 | -0.0322  -0.0144  0.0001  -0.0013  -0.0000  0.0004  -0.0002  -0.0001 |
| 6.925 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0198  0.0221  0.0001  0.0005  0.0000  0.0006  0.0001  0.0001 | 0.8963  0.3843  -0.0024  -0.0019  -0.0000  -0.0183  -0.0002  -0.0000 | 0.1984  0.0585  0.0002  0.0020  0.0000  0.0013  0.0002  0.0000 | 2.3393  0.3923  0.0011  -0.0004  0.0000  0.0081  -0.0000  0.0000 | -0.0677  -0.0082  0.0001  -0.0016  -0.0000  0.0004  -0.0002  -0.0001 |
| 6.925 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0174  0.0191  0.0001  0.0006  0.0000  0.0006  0.0001  0.0001 | 1.3484  0.5733  -0.0024  -0.0020  0.0000  -0.0182  -0.0002  0.0000 | 0.1930  0.0565  0.0002  0.0018  0.0000  0.0015  0.0002  0.0000 | 2.0634  0.2743  0.0017  0.0003  0.0000  0.0126  0.0000  0.0000 | -0.0964  -0.0003  0.0000  -0.0019  -0.0000  0.0003  -0.0002  -0.0001 |
| 6.925 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0162  0.0135  0.0001  0.0008  0.0000  0.0006  0.0001  0.0001 | 1.8047  0.7642  -0.0024  -0.0020  0.0000  -0.0181  -0.0002  0.0000 | 0.1832  0.0518  0.0002  0.0016  0.0000  0.0016  0.0002  0.0000 | 1.6774  0.1110  0.0023  0.0009  0.0000  0.0170  0.0001  0.0000 | -0.1161  0.0089  0.0000  -0.0021  -0.0000  0.0001  -0.0003  -0.0001 |
| 6.925 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0185  0.0061  0.0001  0.0007  0.0000  0.0007  0.0001  0.0001 | 2.2668  0.9581  -0.0024  -0.0019  0.0000  -0.0179  -0.0002  0.0000 | 0.1672  0.0441  0.0002  0.0014  0.0000  0.0018  0.0002  0.0000 | 1.1814  -0.0981  0.0028  0.0016  0.0000  0.0213  0.0002  0.0000 | -0.1261  0.0185  -0.0000  -0.0022  -0.0000  -0.0001  -0.0003  -0.0001 |
| 6.925 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0265  -0.0030  0.0001  -0.0006  0.0000  0.0010  -0.0001  0.0001 | 2.7347  1.1551  -0.0024  -0.0019  0.0000  -0.0177  -0.0002  0.0000 | 0.1446  0.0340  0.0003  0.0012  0.0000  0.0021  0.0002  0.0000 | 0.5743  -0.3542  0.0034  0.0022  0.0000  0.0256  0.0003  0.0000 | -0.1265  0.0272  -0.0000  -0.0023  -0.0000  -0.0003  -0.0003  -0.0001 |
| 6.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0423  -0.0134  0.0004  -0.0088  -0.0000  0.0028  -0.0011  -0.0003 | 3.2068  1.3550  -0.0024  -0.0019  0.0000  -0.0178  -0.0002  0.0000 | 0.1164  0.0227  0.0003  0.0010  0.0000  0.0024  0.0001  0.0000 | -0.1461  -0.6592  0.0040  0.0028  0.0000  0.0298  0.0004  0.0000 | -0.1183  0.0333  -0.0000  -0.0029  -0.0000  -0.0002  -0.0004  -0.0001 |
| 6.925 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0705  -0.0234  0.0017  -0.0549  -0.0001  0.0124  -0.0069  -0.0023 | 3.6700  1.5542  -0.0026  -0.0020  0.0000  -0.0191  -0.0003  0.0000 | 0.0859  0.0126  0.0003  0.0008  0.0000  0.0026  0.0001  0.0000 | -0.9836  -1.0154  0.0045  0.0034  0.0000  0.0341  0.0004  0.0000 | -0.1020  0.0354  0.0001  -0.0068  -0.0000  0.0006  -0.0009  -0.0002 |
| 6.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.1340  -0.0252  0.0087  -0.3124  -0.0008  0.0650  -0.0390  -0.0134 | 4.0425  1.7398  -0.0035  -0.0029  0.0000  -0.0262  -0.0004  0.0001 | 0.0634  0.0066  0.0003  0.0006  -0.0000  0.0025  0.0001  -0.0000 | -1.9378  -1.4240  0.0052  0.0042  0.0000  0.0390  0.0005  0.0000 | -0.0765  0.0327  0.0007  -0.0294  -0.0001  0.0053  -0.0037  -0.0011 |
| 6.925 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0004  0.0023  0.0007  -0.0247  -0.0001  0.0050  -0.0031  -0.0011 | 4.1887  1.8265  -0.0043  -0.0037  0.0000  -0.0322  -0.0005  0.0001 | 0.0010  0.0001  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -3.5001  -2.1076  0.0068  0.0056  -0.0000  0.0511  0.0007  -0.0000 | -0.0184  0.0105  0.0008  -0.0320  -0.0001  0.0063  -0.0040  -0.0013 |
| 7.175 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0006  0.0036  0.0002  -0.0288  0.0001  0.0015  -0.0036  0.0010 | -4.5876  -1.8075  -0.0045  0.0042  -0.0000  -0.0341  0.0005  -0.0002 | -0.0005  0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.6796  -2.0470  -0.0067  -0.0022  -0.0000  -0.0500  -0.0003  -0.0000 | 0.0064  -0.0036  -0.0003  0.0378  -0.0001  -0.0026  0.0047  -0.0013 |
| 7.175 | 0.550 | 1  2  3  4  5  6  7  8 | 0.0850  -0.0002  0.0021  -0.3658  0.0008  0.0158  -0.0457  0.0134 | -4.2789  -1.7187  -0.0035  0.0017  -0.0000  -0.0265  0.0002  -0.0001 | 0.0553  -0.0020  -0.0003  0.0009  -0.0000  -0.0021  0.0001  -0.0000 | -1.9788  -1.3700  -0.0050  -0.0036  0.0000  -0.0375  -0.0005  0.0000 | 0.0355  -0.0032  -0.0005  0.0339  -0.0001  -0.0040  0.0042  -0.0011 |
| 7.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.0515  -0.0440  0.0002  -0.0655  0.0001  0.0018  -0.0082  0.0023 | -3.7239  -1.5298  -0.0024  -0.0010  -0.0000  -0.0178  -0.0001  -0.0000 | 0.1016  0.0023  -0.0002  0.0008  -0.0000  -0.0015  0.0001  -0.0000 | -1.0218  -0.9661  -0.0045  -0.0033  0.0000  -0.0334  -0.0004  0.0000 | 0.0641  -0.0130  -0.0004  0.0066  -0.0000  -0.0029  0.0008  -0.0001 |
| 7.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0254  -0.0389  -0.0000  -0.0115  0.0000  -0.0003  -0.0014  0.0003 | -3.2378  -1.3291  -0.0022  -0.0013  -0.0000  -0.0164  -0.0002  -0.0000 | 0.1369  0.0113  -0.0001  0.0009  -0.0000  -0.0008  0.0001  -0.0000 | -0.1809  -0.6153  -0.0040  -0.0030  0.0000  -0.0298  -0.0004  0.0000 | 0.0879  -0.0224  -0.0003  0.0017  0.0000  -0.0026  0.0002  0.0000 |
| 7.175 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0109  -0.0271  -0.0001  -0.0018  -0.0000  -0.0004  -0.0002  -0.0000 | -2.7600  -1.1297  -0.0022  -0.0014  -0.0000  -0.0164  -0.0002  -0.0000 | 0.1635  0.0216  -0.0000  0.0011  -0.0000  -0.0001  0.0001  -0.0000 | 0.5475  -0.3160  -0.0035  -0.0028  0.0000  -0.0263  -0.0003  0.0000 | 0.1058  -0.0281  -0.0003  0.0008  0.0000  -0.0022  0.0001  0.0000 |
| 7.175 | 1.550 | 1  2  3  4  5  6  7  8 | 0.0072  -0.0148  -0.0000  -0.0001  -0.0000  -0.0001  -0.0000  -0.0001 | -2.2875  -0.9337  -0.0022  -0.0014  -0.0000  -0.0167  -0.0002  -0.0000 | 0.1798  0.0310  0.0001  0.0013  -0.0000  0.0004  0.0002  -0.0000 | 1.1654  -0.0656  -0.0030  -0.0026  0.0000  -0.0226  -0.0003  0.0000 | 0.1161  -0.0304  -0.0002  0.0005  -0.0000  -0.0018  0.0001  -0.0000 |
| 7.175 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0118  -0.0031  0.0000  0.0002  -0.0000  0.0002  0.0000  -0.0001 | -1.8230  -0.7409  -0.0023  -0.0015  -0.0000  -0.0171  -0.0002  -0.0000 | 0.1850  0.0385  0.0001  0.0014  -0.0000  0.0008  0.0002  -0.0000 | 1.6747  0.1376  -0.0025  -0.0024  0.0000  -0.0187  -0.0003  0.0000 | 0.1167  -0.0304  -0.0002  0.0003  -0.0000  -0.0012  0.0000  -0.0000 |
| 7.175 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0186  0.0075  0.0001  0.0003  -0.0000  0.0004  0.0000  -0.0001 | -1.3662  -0.5504  -0.0023  -0.0015  -0.0000  -0.0175  -0.0002  -0.0000 | 0.1810  0.0441  0.0001  0.0016  -0.0000  0.0010  0.0002  -0.0000 | 2.0759  0.2945  -0.0019  -0.0021  0.0000  -0.0145  -0.0003  0.0000 | 0.1056  -0.0291  -0.0001  0.0000  -0.0000  -0.0007  0.0000  -0.0001 |
| 7.175 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0227  0.0165  0.0001  0.0003  -0.0000  0.0006  0.0000  -0.0000 | -0.9130  -0.3615  -0.0024  -0.0016  0.0000  -0.0179  -0.0002  0.0000 | 0.1721  0.0482  0.0001  0.0017  -0.0000  0.0011  0.0002  -0.0000 | 2.3674  0.4051  -0.0014  -0.0018  0.0000  -0.0101  -0.0002  0.0000 | 0.0822  -0.0271  -0.0000  -0.0003  -0.0000  -0.0002  -0.0000  -0.0001 |
| 7.175 | 2.550 | 1  2  3  4  5  6  7  8 | 0.0234  0.0234  0.0001  0.0003  -0.0000  0.0007  0.0000  -0.0000 | -0.4593  -0.1734  -0.0024  -0.0017  0.0000  -0.0183  -0.0002  0.0000 | 0.1632  0.0515  0.0001  0.0017  -0.0000  0.0011  0.0002  -0.0000 | 2.5457  0.4692  -0.0008  -0.0014  0.0000  -0.0056  -0.0002  0.0000 | 0.0486  -0.0245  0.0000  -0.0006  -0.0000  0.0001  -0.0001  -0.0001 |
| 7.175 | 2.800 | 1  2  3  4  5  6  7  8 | 0.0224  0.0284  0.0001  0.0003  -0.0000  0.0006  0.0000  -0.0000 | -0.0036  0.0140  -0.0025  -0.0017  0.0000  -0.0185  -0.0002  0.0000 | 0.1579  0.0546  0.0001  0.0017  -0.0000  0.0011  0.0002  -0.0000 | 2.6077  0.4866  -0.0001  -0.0010  0.0000  -0.0010  -0.0001  0.0000 | 0.0088  -0.0209  0.0000  -0.0009  -0.0000  0.0003  -0.0001  -0.0001 |
| 7.175 | 3.050 | 1  2  3  4  5  6  7  8 | 0.0212  0.0311  0.0001  0.0004  0.0000  0.0006  0.0001  0.0000 | 0.4527  0.2006  -0.0025  -0.0018  0.0000  -0.0186  -0.0002  0.0000 | 0.1575  0.0576  0.0001  0.0017  -0.0000  0.0011  0.0002  -0.0000 | 2.5519  0.4574  0.0005  -0.0005  0.0000  0.0036  -0.0001  0.0000 | -0.0317  -0.0158  0.0000  -0.0012  -0.0000  0.0004  -0.0002  -0.0001 |
| 7.175 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0191  0.0307  0.0001  0.0005  0.0000  0.0005  0.0001  0.0000 | 0.9082  0.3863  -0.0025  -0.0018  0.0000  -0.0185  -0.0002  0.0000 | 0.1612  0.0600  0.0001  0.0016  -0.0000  0.0011  0.0002  -0.0000 | 2.3791  0.3822  0.0011  0.0000  0.0000  0.0082  0.0000  0.0000 | -0.0677  -0.0085  0.0000  -0.0015  -0.0000  0.0003  -0.0002  -0.0001 |
| 7.175 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0147  0.0267  0.0001  0.0006  0.0000  0.0004  0.0001  0.0001 | 1.3633  0.5719  -0.0025  -0.0017  0.0000  -0.0184  -0.0002  0.0000 | 0.1660  0.0608  0.0002  0.0014  -0.0000  0.0012  0.0002  -0.0000 | 2.0918  0.2619  0.0017  0.0006  0.0000  0.0128  0.0001  0.0000 | -0.0946  0.0013  0.0000  -0.0018  -0.0000  0.0002  -0.0002  -0.0001 |
| 7.175 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0085  0.0190  0.0000  0.0007  0.0000  0.0004  0.0001  0.0001 | 1.8212  0.7587  -0.0024  -0.0017  0.0000  -0.0182  -0.0002  0.0000 | 0.1677  0.0588  0.0002  0.0013  -0.0000  0.0013  0.0002  -0.0000 | 1.6931  0.0973  0.0023  0.0011  0.0000  0.0173  0.0001  0.0000 | -0.1102  0.0129  -0.0000  -0.0019  -0.0000  -0.0000  -0.0002  -0.0001 |
| 7.175 | 4.050 | 1  2  3  4  5  6  7  8 | 0.0041  0.0085  0.0001  0.0006  0.0000  0.0004  0.0001  0.0001 | 2.2851  0.9478  -0.0024  -0.0016  0.0000  -0.0179  -0.0002  0.0000 | 0.1620  0.0531  0.0002  0.0011  -0.0000  0.0015  0.0001  -0.0000 | 1.1847  -0.1113  0.0029  0.0016  -0.0000  0.0216  0.0002  -0.0000 | -0.1144  0.0251  -0.0000  -0.0021  -0.0000  -0.0003  -0.0003  -0.0001 |
| 7.175 | 4.300 | 1  2  3  4  5  6  7  8 | 0.0065  -0.0038  0.0001  -0.0007  0.0000  0.0008  -0.0001  0.0001 | 2.7554  1.1400  -0.0023  -0.0015  0.0000  -0.0175  -0.0002  0.0000 | 0.1470  0.0435  0.0002  0.0010  -0.0000  0.0017  0.0001  -0.0000 | 0.5667  -0.3646  0.0034  0.0021  -0.0000  0.0258  0.0003  -0.0000 | -0.1087  0.0358  -0.0001  -0.0022  -0.0000  -0.0005  -0.0003  -0.0000 |
| 7.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.0188  -0.0171  0.0004  -0.0088  -0.0000  0.0030  -0.0011  -0.0003 | 3.2306  1.3355  -0.0023  -0.0015  0.0000  -0.0174  -0.0002  0.0000 | 0.1228  0.0309  0.0003  0.0009  -0.0000  0.0021  0.0001  -0.0000 | -0.1621  -0.6641  0.0040  0.0026  -0.0000  0.0299  0.0003  -0.0000 | -0.0953  0.0427  -0.0001  -0.0028  -0.0000  -0.0005  -0.0004  -0.0001 |
| 7.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0476  -0.0274  0.0020  -0.0546  -0.0001  0.0149  -0.0068  -0.0023 | 3.7177  1.5348  -0.0025  -0.0017  0.0000  -0.0187  -0.0002  0.0001 | 0.0901  0.0176  0.0003  0.0008  -0.0000  0.0024  0.0001  -0.0000 | -1.0030  -1.0125  0.0045  0.0031  -0.0000  0.0339  0.0004  -0.0000 | -0.0759  0.0436  0.0001  -0.0067  -0.0000  0.0005  -0.0008  -0.0002 |
| 7.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.1174  -0.0176  0.0106  -0.3108  -0.0008  0.0796  -0.0388  -0.0135 | 4.2885  1.7364  -0.0038  -0.0027  0.0000  -0.0286  -0.0003  0.0001 | 0.0454  0.0061  0.0004  0.0005  -0.0000  0.0027  0.0001  -0.0000 | -1.9610  -1.4128  0.0051  0.0037  -0.0000  0.0385  0.0005  -0.0000 | -0.0499  0.0387  0.0009  -0.0297  -0.0001  0.0065  -0.0037  -0.0012 |
| 7.175 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0024  0.0035  0.0008  -0.0246  -0.0001  0.0061  -0.0031  -0.0011 | 4.6109  1.8375  -0.0050  -0.0036  0.0000  -0.0372  -0.0004  0.0002 | -0.0006  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -3.6716  -2.0982  0.0070  0.0051  -0.0000  0.0522  0.0006  -0.0001 | -0.0096  0.0128  0.0011  -0.0325  -0.0001  0.0079  -0.0041  -0.0014 |
| 7.425 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0038  0.0050  0.0001  -0.0285  0.0001  0.0005  -0.0036  0.0010 | -4.2802  -1.7867  -0.0038  0.0007  0.0000  -0.0283  0.0001  0.0000 | 0.0011  -0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | -3.6161  -2.0137  -0.0063  -0.0029  0.0000  -0.0475  -0.0004  0.0001 | -0.0049  -0.0045  -0.0002  0.0367  -0.0001  -0.0014  0.0046  -0.0013 |
| 7.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.0766  0.0135  0.0004  -0.3626  0.0008  0.0029  -0.0453  0.0133 | -4.1286  -1.6938  -0.0030  -0.0000  0.0000  -0.0228  -0.0000  0.0000 | 0.0866  -0.0026  -0.0002  0.0006  -0.0000  -0.0018  0.0001  -0.0000 | -2.0251  -1.3441  -0.0050  -0.0032  0.0000  -0.0371  -0.0004  0.0001 | 0.0024  -0.0055  -0.0004  0.0329  -0.0001  -0.0033  0.0041  -0.0011 |
| 7.425 | 0.800 | 1  2  3  4  5  6  7  8 | 0.0233  -0.0476  -0.0000  -0.0650  0.0001  -0.0003  -0.0081  0.0023 | -3.7432  -1.5019  -0.0022  -0.0010  -0.0000  -0.0165  -0.0001  -0.0000 | 0.1221  0.0032  -0.0002  0.0007  -0.0000  -0.0013  0.0001  -0.0000 | -1.0606  -0.9476  -0.0044  -0.0032  0.0000  -0.0333  -0.0004  0.0001 | 0.0333  -0.0189  -0.0004  0.0064  -0.0000  -0.0033  0.0008  -0.0001 |
| 7.425 | 1.050 | 1  2  3  4  5  6  7  8 | -0.0079  -0.0422  -0.0001  -0.0114  0.0000  -0.0004  -0.0014  0.0003 | -3.2639  -1.3049  -0.0021  -0.0013  -0.0000  -0.0156  -0.0002  -0.0000 | 0.1587  0.0139  -0.0000  0.0008  -0.0000  -0.0004  0.0001  -0.0000 | -0.2114  -0.6047  -0.0040  -0.0029  0.0000  -0.0301  -0.0004  0.0001 | 0.0634  -0.0305  -0.0004  0.0016  0.0000  -0.0032  0.0002  0.0000 |
| 7.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0169  -0.0272  -0.0000  -0.0017  -0.0000  -0.0001  -0.0002  -0.0000 | -2.7769  -1.1100  -0.0021  -0.0014  0.0000  -0.0158  -0.0002  0.0000 | 0.1831  0.0252  0.0001  0.0009  -0.0000  0.0004  0.0001  -0.0000 | 0.5244  -0.3116  -0.0036  -0.0027  0.0000  -0.0269  -0.0003  0.0001 | 0.0910  -0.0360  -0.0004  0.0007  0.0000  -0.0028  0.0001  0.0000 |
| 7.425 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0103  -0.0118  0.0000  -0.0000  -0.0000  0.0003  -0.0000  -0.0001 | -2.3003  -0.9181  -0.0022  -0.0015  0.0000  -0.0163  -0.0002  0.0000 | 0.1910  0.0344  0.0001  0.0010  -0.0000  0.0010  0.0001  -0.0000 | 1.1526  -0.0654  -0.0031  -0.0024  0.0000  -0.0233  -0.0003  0.0001 | 0.1123  -0.0368  -0.0003  0.0004  -0.0000  -0.0021  0.0000  -0.0000 |
| 7.425 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0069  0.0027  0.0001  0.0003  -0.0000  0.0007  0.0000  -0.0001 | -1.8387  -0.7289  -0.0022  -0.0016  0.0000  -0.0169  -0.0002  0.0000 | 0.1820  0.0405  0.0002  0.0011  -0.0000  0.0013  0.0001  -0.0000 | 1.6763  0.1355  -0.0026  -0.0021  0.0000  -0.0194  -0.0003  0.0001 | 0.1226  -0.0348  -0.0002  0.0002  -0.0000  -0.0014  0.0000  -0.0000 |
| 7.425 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0193  0.0148  0.0001  0.0003  -0.0000  0.0010  0.0000  -0.0001 | -1.3875  -0.5416  -0.0023  -0.0016  0.0000  -0.0175  -0.0002  0.0000 | 0.1609  0.0438  0.0002  0.0012  -0.0000  0.0014  0.0002  -0.0000 | 2.0951  0.2915  -0.0020  -0.0018  0.0000  -0.0152  -0.0002  0.0001 | 0.1170  -0.0320  -0.0001  -0.0001  -0.0000  -0.0008  -0.0000  -0.0001 |
| 7.425 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0204  0.0240  0.0001  0.0003  -0.0000  0.0011  0.0000  -0.0000 | -0.9352  -0.3545  -0.0024  -0.0016  0.0000  -0.0181  -0.0002  0.0000 | 0.1369  0.0457  0.0002  0.0013  -0.0000  0.0013  0.0002  -0.0000 | 2.4038  0.4018  -0.0014  -0.0014  0.0000  -0.0107  -0.0002  0.0001 | 0.0941  -0.0293  -0.0000  -0.0003  -0.0000  -0.0002  -0.0000  -0.0001 |
| 7.425 | 2.550 | 1  2  3  4  5  6  7  8 | 0.0151  0.0310  0.0001  0.0003  -0.0000  0.0010  0.0000  -0.0000 | -0.4745  -0.1670  -0.0025  -0.0017  0.0000  -0.0186  -0.0002  0.0000 | 0.1181  0.0476  0.0002  0.0014  -0.0000  0.0012  0.0002  -0.0000 | 2.5948  0.4654  -0.0008  -0.0011  0.0000  -0.0060  -0.0001  0.0001 | 0.0568  -0.0267  0.0000  -0.0006  -0.0000  0.0001  -0.0001  -0.0001 |
| 7.425 | 2.800 | 1  2  3  4  5  6  7  8 | 0.0108  0.0367  0.0001  0.0004  -0.0000  0.0008  0.0000  -0.0000 | -0.0065  0.0206  -0.0025  -0.0017  0.0000  -0.0188  -0.0002  0.0000 | 0.1091  0.0506  0.0001  0.0014  -0.0000  0.0010  0.0002  -0.0000 | 2.6621  0.4813  -0.0002  -0.0006  0.0000  -0.0012  -0.0001  0.0000 | 0.0113  -0.0236  0.0000  -0.0009  -0.0000  0.0003  -0.0001  -0.0001 |
| 7.425 | 3.050 | 1  2  3  4  5  6  7  8 | 0.0111  0.0409  0.0001  0.0004  0.0000  0.0006  0.0001  0.0000 | 0.4626  0.2068  -0.0025  -0.0017  0.0000  -0.0189  -0.0002  0.0000 | 0.1114  0.0548  0.0001  0.0013  -0.0000  0.0009  0.0002  -0.0000 | 2.6033  0.4494  0.0005  -0.0002  0.0000  0.0036  -0.0000  0.0000 | -0.0352  -0.0187  0.0001  -0.0011  -0.0000  0.0004  -0.0001  -0.0001 |
| 7.425 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0136  0.0424  0.0000  0.0005  0.0000  0.0004  0.0001  0.0000 | 0.9266  0.3905  -0.0025  -0.0016  0.0000  -0.0188  -0.0002  0.0001 | 0.1238  0.0601  0.0001  0.0012  -0.0000  0.0009  0.0001  -0.0000 | 2.4200  0.3706  0.0011  0.0003  0.0000  0.0084  0.0000  0.0000 | -0.0753  -0.0110  0.0000  -0.0014  -0.0000  0.0003  -0.0002  -0.0001 |
| 7.425 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0123  0.0392  0.0000  0.0006  0.0000  0.0002  0.0001  0.0001 | 1.3832  0.5716  -0.0025  -0.0015  0.0000  -0.0186  -0.0002  0.0001 | 0.1424  0.0648  0.0001  0.0011  -0.0000  0.0009  0.0001  -0.0000 | 2.1171  0.2468  0.0017  0.0008  0.0000  0.0131  0.0001  0.0000 | -0.1029  0.0002  0.0000  -0.0016  -0.0000  0.0001  -0.0002  -0.0001 |
| 7.425 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0024  0.0301  0.0000  0.0006  0.0000  0.0000  0.0001  0.0001 | 1.8376  0.7520  -0.0024  -0.0014  0.0000  -0.0183  -0.0002  0.0001 | 0.1599  0.0669  0.0001  0.0009  -0.0000  0.0010  0.0001  -0.0000 | 1.7015  0.0800  0.0023  0.0013  -0.0000  0.0176  0.0002  -0.0000 | -0.1146  0.0146  -0.0000  -0.0018  -0.0000  -0.0001  -0.0002  -0.0001 |
| 7.425 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0115  0.0166  -0.0000  0.0005  0.0000  -0.0000  0.0001  0.0001 | 2.2992  0.9344  -0.0024  -0.0013  0.0000  -0.0179  -0.0002  0.0001 | 0.1682  0.0639  0.0002  0.0008  -0.0000  0.0012  0.0001  -0.0000 | 1.1787  -0.1283  0.0029  0.0017  -0.0000  0.0220  0.0002  -0.0000 | -0.1109  0.0305  -0.0001  -0.0020  -0.0000  -0.0005  -0.0002  -0.0001 |
| 7.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.0171  0.0013  0.0000  -0.0008  0.0000  0.0004  -0.0001  0.0001 | 2.7718  1.1198  -0.0023  -0.0011  0.0000  -0.0174  -0.0001  0.0001 | 0.1623  0.0548  0.0002  0.0008  -0.0000  0.0015  0.0001  -0.0000 | 0.5497  -0.3778  0.0035  0.0021  -0.0000  0.0261  0.0003  -0.0001 | -0.0957  0.0448  -0.0001  -0.0022  -0.0000  -0.0007  -0.0003  -0.0001 |
| 7.425 | 4.550 | 1  2  3  4  5  6  7  8 | -0.0102  -0.0157  0.0004  -0.0088  -0.0000  0.0029  -0.0011  -0.0003 | 3.2529  1.3086  -0.0023  -0.0011  0.0000  -0.0169  -0.0001  0.0001 | 0.1416  0.0403  0.0002  0.0008  -0.0000  0.0018  0.0001  -0.0000 | -0.1869  -0.6699  0.0040  0.0023  -0.0000  0.0301  0.0003  -0.0001 | -0.0733  0.0541  -0.0001  -0.0028  -0.0000  -0.0007  -0.0003  -0.0001 |
| 7.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0161  -0.0351  0.0023  -0.0541  -0.0001  0.0171  -0.0068  -0.0023 | 3.7300  1.5065  -0.0024  -0.0014  0.0000  -0.0177  -0.0002  0.0001 | 0.1088  0.0226  0.0003  0.0008  -0.0000  0.0023  0.0001  -0.0000 | -1.0355  -1.0076  0.0045  0.0026  -0.0000  0.0340  0.0003  -0.0001 | -0.0473  0.0552  0.0001  -0.0066  -0.0000  0.0004  -0.0008  -0.0002 |
| 7.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.0780  -0.0439  0.0126  -0.3081  -0.0009  0.0942  -0.0385  -0.0135 | 4.1339  1.7296  -0.0033  -0.0035  0.0000  -0.0246  -0.0004  0.0001 | 0.0751  0.0053  0.0003  0.0008  -0.0000  0.0023  0.0001  -0.0000 | -1.9995  -1.3985  0.0051  0.0030  -0.0000  0.0384  0.0004  -0.0001 | -0.0192  0.0473  0.0010  -0.0286  -0.0001  0.0073  -0.0036  -0.0011 |
| 7.425 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0037  0.0031  0.0010  -0.0244  -0.0001  0.0073  -0.0030  -0.0011 | 4.3028  1.8503  -0.0041  -0.0054  0.0000  -0.0307  -0.0007  0.0001 | 0.0009  -0.0002  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.6001  -2.0877  0.0066  0.0050  -0.0000  0.0498  0.0006  -0.0001 | 0.0004  0.0150  0.0012  -0.0313  -0.0001  0.0091  -0.0039  -0.0013 |
| 7.675 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0062  0.0058  -0.0001  -0.0284  0.0001  -0.0005  -0.0036  0.0010 | -4.7281  -1.7594  -0.0042  0.0001  0.0000  -0.0316  0.0000  0.0001 | -0.0006  -0.0001  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -3.7985  -1.9667  -0.0063  -0.0030  0.0000  -0.0475  -0.0004  0.0001 | -0.0183  -0.0056  -0.0000  0.0373  -0.0001  -0.0002  0.0047  -0.0013 |
| 7.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.0357  0.0172  -0.0014  -0.3615  0.0008  -0.0104  -0.0452  0.0134 | -4.3869  -1.6607  -0.0032  -0.0004  0.0000  -0.0237  -0.0000  0.0001 | 0.0804  -0.0076  -0.0003  0.0004  0.0000  -0.0022  0.0001  0.0000 | -2.0547  -1.3083  -0.0048  -0.0032  0.0000  -0.0361  -0.0004  0.0001 | -0.0395  -0.0088  -0.0004  0.0333  -0.0001  -0.0028  0.0042  -0.0011 |
| 7.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0170  -0.0496  -0.0003  -0.0646  0.0001  -0.0023  -0.0081  0.0023 | -3.7874  -1.4633  -0.0020  -0.0010  0.0000  -0.0148  -0.0001  0.0000 | 0.1526  0.0013  -0.0002  0.0006  -0.0000  -0.0012  0.0001  -0.0000 | -1.0968  -0.9239  -0.0044  -0.0031  0.0000  -0.0330  -0.0004  0.0001 | -0.0052  -0.0268  -0.0005  0.0064  -0.0000  -0.0039  0.0008  -0.0001 |
| 7.675 | 1.050 | 1  2  3  4  5  6  7  8 | -0.0524  -0.0386  -0.0000  -0.0112  0.0000  -0.0000  -0.0014  0.0003 | -3.2781  -1.2711  -0.0019  -0.0013  0.0000  -0.0142  -0.0002  0.0000 | 0.2017  0.0162  0.0000  0.0007  -0.0000  0.0000  0.0001  -0.0000 | -0.2537  -0.5933  -0.0041  -0.0029  0.0000  -0.0305  -0.0004  0.0001 | 0.0370  -0.0405  -0.0005  0.0016  0.0000  -0.0039  0.0002  0.0000 |
| 7.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0534  -0.0215  0.0001  -0.0016  -0.0000  0.0005  -0.0002  -0.0000 | -2.7804  -1.0844  -0.0020  -0.0015  0.0000  -0.0149  -0.0002  0.0000 | 0.2239  0.0301  0.0001  0.0007  -0.0000  0.0011  0.0001  -0.0000 | 0.4850  -0.3093  -0.0037  -0.0025  0.0000  -0.0277  -0.0003  0.0001 | 0.0812  -0.0445  -0.0004  0.0006  0.0000  -0.0034  0.0001  0.0000 |
| 7.675 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0236  -0.0034  0.0001  0.0001  -0.0000  0.0010  0.0000  -0.0001 | -2.3034  -0.8997  -0.0021  -0.0016  0.0000  -0.0157  -0.0002  0.0000 | 0.2203  0.0392  0.0002  0.0007  -0.0000  0.0017  0.0001  -0.0000 | 1.1232  -0.0684  -0.0032  -0.0022  0.0000  -0.0243  -0.0003  0.0001 | 0.1200  -0.0422  -0.0003  0.0003  -0.0000  -0.0025  0.0000  -0.0000 |
| 7.675 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0175  0.0135  0.0002  0.0003  -0.0000  0.0016  0.0000  -0.0001 | -1.8585  -0.7171  -0.0022  -0.0017  0.0000  -0.0167  -0.0002  0.0000 | 0.1884  0.0426  0.0003  0.0008  -0.0000  0.0019  0.0001  -0.0000 | 1.6660  0.1307  -0.0027  -0.0018  0.0000  -0.0204  -0.0002  0.0001 | 0.1441  -0.0373  -0.0002  0.0001  -0.0000  -0.0015  0.0000  -0.0000 |
| 7.675 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0284  0.0253  0.0002  0.0003  -0.0000  0.0018  0.0000  -0.0001 | -1.4255  -0.5349  -0.0024  -0.0017  0.0000  -0.0177  -0.0002  0.0000 | 0.1418  0.0423  0.0002  0.0009  -0.0000  0.0017  0.0001  -0.0000 | 2.1113  0.2871  -0.0021  -0.0015  0.0000  -0.0160  -0.0002  0.0001 | 0.1433  -0.0328  -0.0001  -0.0001  -0.0000  -0.0007  -0.0000  -0.0001 |
| 7.675 | 2.300 | 1  2  3  4  5  6  7  8 | 0.0126  0.0324  0.0002  0.0003  -0.0000  0.0017  0.0000  -0.0001 | -0.9754  -0.3500  -0.0025  -0.0017  0.0000  -0.0186  -0.0002  0.0001 | 0.0985  0.0411  0.0002  0.0010  -0.0000  0.0014  0.0001  -0.0000 | 2.4454  0.3986  -0.0015  -0.0011  0.0000  -0.0113  -0.0001  0.0001 | 0.1165  -0.0299  -0.0000  -0.0004  -0.0000  -0.0001  -0.0000  -0.0001 |
| 7.675 | 2.550 | 1  2  3  4  5  6  7  8 | -0.0086  0.0376  0.0002  0.0003  -0.0000  0.0013  0.0000  -0.0000 | -0.5008  -0.1617  -0.0026  -0.0017  0.0000  -0.0191  -0.0002  0.0001 | 0.0688  0.0411  0.0002  0.0010  -0.0000  0.0012  0.0001  -0.0000 | 2.6537  0.4625  -0.0008  -0.0007  0.0000  -0.0063  -0.0001  0.0001 | 0.0704  -0.0282  0.0000  -0.0006  -0.0000  0.0003  -0.0001  -0.0001 |
| 7.675 | 2.800 | 1  2  3  4  5  6  7  8 | -0.0198  0.0434  0.0001  0.0004  -0.0000  0.0009  0.0000  -0.0000 | -0.0106  0.0282  -0.0026  -0.0017  0.0000  -0.0194  -0.0002  0.0001 | 0.0563  0.0435  0.0001  0.0010  -0.0000  0.0009  0.0001  -0.0000 | 2.7278  0.4773  -0.0002  -0.0003  0.0000  -0.0013  -0.0000  0.0000 | 0.0140  -0.0265  0.0001  -0.0008  -0.0000  0.0005  -0.0001  -0.0001 |
| 7.675 | 3.050 | 1  2  3  4  5  6  7  8 | -0.0155  0.0503  0.0001  0.0004  0.0000  0.0005  0.0000  0.0000 | 0.4812  0.2166  -0.0026  -0.0016  0.0000  -0.0194  -0.0002  0.0001 | 0.0614  0.0489  0.0001  0.0009  -0.0000  0.0008  0.0001  -0.0000 | 2.6648  0.4423  0.0005  0.0002  0.0000  0.0037  0.0000  0.0000 | -0.0433  -0.0232  0.0001  -0.0011  -0.0000  0.0005  -0.0001  -0.0001 |
| 7.675 | 3.300 | 1  2  3  4  5  6  7  8 | 0.0004  0.0567  0.0000  0.0004  0.0000  0.0002  0.0000  0.0000 | 0.9607  0.3999  -0.0026  -0.0015  0.0000  -0.0193  -0.0002  0.0001 | 0.0835  0.0571  0.0001  0.0008  -0.0000  0.0006  0.0001  -0.0000 | 2.4668  0.3586  0.0011  0.0006  0.0000  0.0086  0.0001  0.0000 | -0.0925  -0.0165  0.0000  -0.0013  -0.0000  0.0004  -0.0002  -0.0001 |
| 7.675 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0146  0.0585  -0.0000  0.0004  0.0000  -0.0001  0.0001  0.0001 | 1.4188  0.5760  -0.0025  -0.0014  0.0000  -0.0190  -0.0002  0.0001 | 0.1194  0.0671  0.0001  0.0007  -0.0000  0.0006  0.0001  -0.0000 | 2.1412  0.2289  0.0018  0.0011  -0.0000  0.0134  0.0001  -0.0000 | -0.1248  -0.0047  0.0000  -0.0015  -0.0000  0.0001  -0.0002  -0.0001 |
| 7.675 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0083  0.0505  -0.0000  0.0005  0.0000  -0.0004  0.0001  0.0001 | 1.8601  0.7468  -0.0025  -0.0012  0.0000  -0.0186  -0.0002  0.0001 | 0.1601  0.0753  0.0001  0.0006  -0.0000  0.0007  0.0001  -0.0000 | 1.7009  0.0575  0.0024  0.0015  -0.0000  0.0180  0.0002  -0.0000 | -0.1336  0.0129  -0.0000  -0.0017  -0.0000  -0.0003  -0.0002  -0.0001 |
| 7.675 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0229  0.0328  -0.0001  0.0004  0.0000  -0.0006  0.0000  0.0001 | 2.3079  0.9187  -0.0024  -0.0010  0.0000  -0.0180  -0.0001  0.0001 | 0.1898  0.0768  0.0001  0.0005  -0.0000  0.0009  0.0001  -0.0000 | 1.1587  -0.1513  0.0030  0.0019  -0.0000  0.0224  0.0002  -0.0001 | -0.1188  0.0343  -0.0001  -0.0019  -0.0000  -0.0007  -0.0002  -0.0001 |
| 7.675 | 4.300 | 1  2  3  4  5  6  7  8 | -0.0456  0.0146  -0.0001  -0.0009  0.0000  -0.0004  -0.0001  0.0001 | 2.7790  1.0946  -0.0023  -0.0008  0.0000  -0.0172  -0.0001  0.0001 | 0.1959  0.0682  0.0002  0.0005  -0.0000  0.0012  0.0001  -0.0000 | 0.5181  -0.3963  0.0035  0.0021  -0.0000  0.0266  0.0003  -0.0001 | -0.0885  0.0546  -0.0001  -0.0022  -0.0000  -0.0010  -0.0003  -0.0001 |
| 7.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.0442  -0.0027  0.0003  -0.0088  -0.0000  0.0023  -0.0011  -0.0003 | 3.2642  1.2704  -0.0022  -0.0006  0.0000  -0.0162  -0.0001  0.0001 | 0.1793  0.0506  0.0002  0.0006  -0.0000  0.0018  0.0001  -0.0000 | -0.2232  -0.6788  0.0040  0.0021  -0.0000  0.0303  0.0003  -0.0001 | -0.0511  0.0683  -0.0001  -0.0029  -0.0000  -0.0011  -0.0004  -0.0001 |
| 7.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0134  -0.0313  0.0025  -0.0534  -0.0001  0.0187  -0.0067  -0.0023 | 3.7544  1.4465  -0.0022  -0.0010  0.0000  -0.0164  -0.0001  0.0001 | 0.1386  0.0287  0.0003  0.0008  -0.0000  0.0023  0.0001  -0.0000 | -1.0675  -1.0022  0.0045  0.0021  -0.0000  0.0338  0.0003  -0.0002 | -0.0136  0.0696  0.0000  -0.0067  -0.0000  0.0003  -0.0008  -0.0002 |
| 7.675 | 5.050 | 1  2  3  4  5  6  7  8 | 0.0468  -0.0529  0.0143  -0.3024  -0.0008  0.1074  -0.0378  -0.0135 | 4.3151  1.6194  -0.0033  -0.0053  0.0000  -0.0244  -0.0007  0.0000 | 0.0765  0.0120  0.0003  0.0012  0.0000  0.0026  0.0001  0.0000 | -2.0212  -1.3733  0.0050  0.0021  -0.0000  0.0378  0.0003  -0.0002 | 0.0189  0.0578  0.0011  -0.0290  -0.0001  0.0085  -0.0036  -0.0012 |
| 7.675 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0060  0.0035  0.0011  -0.0239  -0.0001  0.0083  -0.0030  -0.0011 | 4.6293  1.7032  -0.0042  -0.0092  -0.0000  -0.0316  -0.0011  -0.0001 | -0.0005  0.0001  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.7312  -2.0070  0.0066  0.0053  -0.0000  0.0495  0.0007  -0.0002 | 0.0133  0.0181  0.0014  -0.0316  -0.0001  0.0106  -0.0040  -0.0014 |
| 7.925 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0075  0.0048  -0.0002  -0.0283  0.0001  -0.0015  -0.0035  0.0011 | -4.3845  -1.7678  -0.0033  0.0033  -0.0000  -0.0249  0.0004  -0.0000 | 0.0009  -0.0003  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | -3.7113  -1.9250  -0.0059  -0.0023  0.0000  -0.0441  -0.0003  0.0001 | -0.0357  -0.0051  0.0001  0.0361  -0.0001  0.0009  0.0045  -0.0013 |
| 7.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.0407  -0.0164  -0.0033  -0.3592  0.0008  -0.0245  -0.0449  0.0135 | -4.1973  -1.6376  -0.0025  0.0014  -0.0000  -0.0187  0.0002  -0.0000 | 0.1280  -0.0179  -0.0003  0.0007  -0.0000  -0.0022  0.0001  -0.0000 | -2.0975  -1.2633  -0.0047  -0.0035  0.0000  -0.0350  -0.0004  0.0002 | -0.0967  -0.0118  -0.0003  0.0322  -0.0001  -0.0023  0.0040  -0.0010 |
| 7.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0571  -0.0548  -0.0005  -0.0640  0.0001  -0.0040  -0.0080  0.0023 | -3.7765  -1.4054  -0.0016  -0.0009  -0.0000  -0.0117  -0.0001  -0.0000 | 0.2102  -0.0046  -0.0002  0.0006  -0.0000  -0.0014  0.0001  -0.0000 | -1.1573  -0.8940  -0.0044  -0.0033  0.0000  -0.0327  -0.0004  0.0002 | -0.0588  -0.0378  -0.0006  0.0063  -0.0000  -0.0047  0.0008  -0.0001 |
| 7.925 | 1.050 | 1  2  3  4  5  6  7  8 | -0.1039  -0.0202  0.0002  -0.0109  0.0000  0.0014  -0.0014  0.0003 | -3.2904  -1.2201  -0.0016  -0.0014  0.0000  -0.0121  -0.0002  0.0000 | 0.2783  0.0171  0.0000  0.0005  -0.0000  0.0003  0.0001  -0.0000 | -0.3228  -0.5829  -0.0042  -0.0028  0.0000  -0.0311  -0.0004  0.0002 | 0.0048  -0.0540  -0.0007  0.0016  0.0000  -0.0050  0.0002  0.0000 |
| 7.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.1197  -0.0049  0.0002  -0.0014  -0.0000  0.0015  -0.0002  -0.0000 | -2.7666  -1.0510  -0.0018  -0.0017  0.0000  -0.0137  -0.0002  0.0000 | 0.2969  0.0366  0.0002  0.0004  -0.0000  0.0018  0.0001  -0.0001 | 0.4194  -0.3118  -0.0039  -0.0024  0.0000  -0.0289  -0.0003  0.0002 | 0.0792  -0.0542  -0.0005  0.0006  0.0000  -0.0041  0.0001  0.0000 |
| 7.925 | 1.550 | 1  2  3  4  5  6  7  8 | -0.0053  0.0146  0.0003  0.0001  -0.0000  0.0022  0.0000  -0.0001 | -2.2917  -0.8795  -0.0020  -0.0018  0.0000  -0.0151  -0.0002  0.0000 | 0.2743  0.0454  0.0003  0.0004  -0.0000  0.0025  0.0001  -0.0001 | 1.0664  -0.0768  -0.0034  -0.0019  0.0000  -0.0258  -0.0002  0.0002 | 0.1471  -0.0461  -0.0004  0.0003  -0.0000  -0.0027  0.0000  -0.0000 |
| 7.925 | 1.800 | 1  2  3  4  5  6  7  8 | 0.0714  0.0332  0.0004  0.0003  -0.0000  0.0031  0.0000  -0.0001 | -1.9049  -0.7090  -0.0022  -0.0017  0.0000  -0.0168  -0.0002  0.0001 | 0.1990  0.0441  0.0003  0.0005  -0.0000  0.0024  0.0001  -0.0000 | 1.6409  0.1221  -0.0029  -0.0016  0.0000  -0.0218  -0.0002  0.0002 | 0.1899  -0.0367  -0.0002  0.0000  -0.0000  -0.0014  0.0000  -0.0000 |
| 7.925 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0481  0.0397  0.0004  0.0003  -0.0000  0.0030  0.0000  -0.0001 | -1.5078  -0.5346  -0.0025  -0.0017  0.0000  -0.0184  -0.0002  0.0001 | 0.1154  0.0384  0.0003  0.0006  -0.0000  0.0019  0.0001  -0.0000 | 2.1303  0.2818  -0.0023  -0.0012  0.0000  -0.0170  -0.0002  0.0001 | 0.1886  -0.0306  -0.0001  -0.0002  -0.0000  -0.0004  -0.0000  -0.0001 |
| 7.925 | 2.300 | 1  2  3  4  5  6  7  8 | -0.0118  0.0399  0.0003  0.0003  -0.0000  0.0024  0.0000  -0.0001 | -1.0495  -0.3505  -0.0026  -0.0016  0.0000  -0.0195  -0.0002  0.0001 | 0.0522  0.0334  0.0002  0.0007  -0.0000  0.0014  0.0001  -0.0000 | 2.5003  0.3965  -0.0016  -0.0008  0.0000  -0.0119  -0.0001  0.0001 | 0.1500  -0.0284  0.0000  -0.0004  -0.0000  0.0002  -0.0001  -0.0001 |
| 7.925 | 2.550 | 1  2  3  4  5  6  7  8 | -0.0608  0.0407  0.0002  0.0004  -0.0000  0.0017  0.0000  -0.0000 | -0.5436  -0.1586  -0.0027  -0.0016  0.0000  -0.0199  -0.0002  0.0001 | 0.0149  0.0314  0.0001  0.0007  -0.0000  0.0010  0.0001  -0.0000 | 2.7297  0.4621  -0.0009  -0.0005  0.0000  -0.0066  -0.0001  0.0001 | 0.0886  -0.0286  0.0001  -0.0006  -0.0000  0.0005  -0.0001  -0.0001 |
| 7.925 | 2.800 | 1  2  3  4  5  6  7  8 | -0.0815  0.0456  0.0001  0.0004  -0.0000  0.0010  0.0000  -0.0000 | -0.0160  0.0371  -0.0027  -0.0016  0.0000  -0.0201  -0.0002  0.0001 | 0.0008  0.0329  0.0001  0.0007  -0.0000  0.0007  0.0001  -0.0000 | 2.8111  0.4762  -0.0002  -0.0000  0.0000  -0.0014  -0.0000  0.0001 | 0.0169  -0.0294  0.0001  -0.0008  -0.0000  0.0006  -0.0001  -0.0001 |
| 7.925 | 3.050 | 1  2  3  4  5  6  7  8 | -0.0707  0.0560  0.0001  0.0003  -0.0000  0.0004  0.0000  -0.0000 | 0.5130  0.2317  -0.0027  -0.0016  0.0000  -0.0200  -0.0002  0.0001 | 0.0079  0.0386  0.0001  0.0006  -0.0000  0.0005  0.0001  -0.0000 | 2.7431  0.4381  0.0005  0.0004  0.0000  0.0038  0.0001  0.0000 | -0.0556  -0.0290  0.0001  -0.0010  -0.0000  0.0006  -0.0001  -0.0001 |
| 7.925 | 3.300 | 1  2  3  4  5  6  7  8 | -0.0313  0.0709  -0.0000  0.0003  0.0000  -0.0001  0.0000  0.0000 | 1.0242  0.4194  -0.0026  -0.0015  0.0000  -0.0198  -0.0002  0.0001 | 0.0370  0.0491  0.0001  0.0005  -0.0000  0.0004  0.0001  -0.0000 | 2.5272  0.3481  0.0012  0.0009  0.0000  0.0089  0.0001  0.0000 | -0.1196  -0.0250  0.0001  -0.0012  -0.0000  0.0004  -0.0002  -0.0001 |
| 7.925 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0219  0.0855  -0.0001  0.0002  0.0000  -0.0005  0.0000  0.0000 | 1.4942  0.5929  -0.0026  -0.0014  0.0000  -0.0195  -0.0002  0.0001 | 0.0904  0.0646  0.0000  0.0004  -0.0000  0.0003  0.0001  -0.0000 | 2.1698  0.2092  0.0018  0.0014  -0.0000  0.0138  0.0002  -0.0000 | -0.1636  -0.0144  0.0000  -0.0014  -0.0000  0.0001  -0.0002  -0.0001 |
| 7.925 | 3.800 | 1  2  3  4  5  6  7  8 | 0.0483  0.0872  -0.0001  0.0002  0.0000  -0.0009  0.0000  0.0001 | 1.9094  0.7492  -0.0025  -0.0011  0.0000  -0.0190  -0.0001  0.0001 | 0.1635  0.0822  0.0000  0.0003  -0.0000  0.0003  0.0000  -0.0000 | 1.6892  0.0284  0.0025  0.0018  -0.0000  0.0186  0.0002  -0.0000 | -0.1744  0.0057  -0.0001  -0.0017  -0.0000  -0.0004  -0.0002  -0.0001 |
| 7.925 | 4.050 | 1  2  3  4  5  6  7  8 | -0.0072  0.0640  -0.0002  0.0001  0.0000  -0.0012  0.0000  0.0001 | 2.3097  0.9003  -0.0025  -0.0007  0.0000  -0.0184  -0.0001  0.0002 | 0.2320  0.0925  0.0001  0.0002  -0.0000  0.0006  0.0000  -0.0000 | 1.1158  -0.1840  0.0031  0.0021  -0.0000  0.0231  0.0003  -0.0001 | -0.1447  0.0351  -0.0001  -0.0019  -0.0000  -0.0010  -0.0002  -0.0001 |
| 7.925 | 4.300 | 1  2  3  4  5  6  7  8 | -0.0953  0.0383  -0.0002  -0.0012  0.0000  -0.0018  -0.0001  0.0001 | 2.7764  1.0602  -0.0023  -0.0004  0.0000  -0.0172  -0.0000  0.0002 | 0.2566  0.0847  0.0002  0.0002  -0.0000  0.0011  0.0000  -0.0000 | 0.4635  -0.4237  0.0036  0.0022  -0.0000  0.0272  0.0003  -0.0001 | -0.0895  0.0656  -0.0002  -0.0022  -0.0000  -0.0015  -0.0003  -0.0001 |
| 7.925 | 4.550 | 1  2  3  4  5  6  7  8 | -0.0784  0.0342  0.0001  -0.0091  -0.0000  0.0006  -0.0011  -0.0002 | 3.2787  1.2146  -0.0020  -0.0001  0.0000  -0.0151  -0.0000  0.0001 | 0.2450  0.0587  0.0003  0.0005  -0.0000  0.0021  0.0001  -0.0000 | -0.2835  -0.6920  0.0041  0.0021  -0.0000  0.0307  0.0003  -0.0002 | -0.0255  0.0872  -0.0002  -0.0030  -0.0000  -0.0016  -0.0004  -0.0001 |
| 7.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0264  -0.0106  0.0026  -0.0525  -0.0001  0.0198  -0.0066  -0.0022 | 3.7395  1.3717  -0.0019  -0.0003  0.0000  -0.0142  -0.0000  0.0001 | 0.1892  0.0270  0.0004  0.0008  -0.0000  0.0028  0.0001  -0.0000 | -1.1219  -0.9917  0.0045  0.0018  -0.0000  0.0336  0.0002  -0.0002 | 0.0313  0.0871  0.0000  -0.0068  -0.0000  0.0001  -0.0008  -0.0002 |
| 7.925 | 5.050 | 1  2  3  4  5  6  7  8 | 0.0346  -0.0353  0.0160  -0.2964  -0.0008  0.1201  -0.0370  -0.0134 | 4.1078  1.5514  -0.0027  -0.0028  0.0000  -0.0201  -0.0003  0.0001 | 0.1220  0.0070  0.0004  0.0009  -0.0000  0.0027  0.0001  -0.0000 | -2.0594  -1.3414  0.0050  0.0019  -0.0000  0.0371  0.0002  -0.0002 | 0.0688  0.0683  0.0013  -0.0282  -0.0001  0.0094  -0.0035  -0.0012 |
| 7.925 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0094  0.0050  0.0013  -0.0235  -0.0001  0.0094  -0.0029  -0.0011 | 4.2577  1.6455  -0.0034  -0.0049  0.0000  -0.0256  -0.0006  0.0001 | 0.0011  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | -3.6305  -1.9540  0.0062  0.0037  -0.0000  0.0468  0.0005  -0.0003 | 0.0295  0.0210  0.0016  -0.0304  -0.0001  0.0117  -0.0038  -0.0013 |
| 8.175 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0103  0.0039  -0.0003  -0.0278  0.0001  -0.0026  -0.0035  0.0010 | -4.5932  -1.5956  -0.0033  0.0075  -0.0000  -0.0245  0.0009  -0.0002 | -0.0004  -0.0001  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.7855  -1.7991  -0.0056  -0.0014  0.0000  -0.0421  -0.0002  0.0001 | -0.0592  -0.0043  0.0003  0.0366  -0.0001  0.0022  0.0046  -0.0013 |
| 8.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.0993  -0.0526  -0.0052  -0.3534  0.0008  -0.0388  -0.0441  0.0134 | -4.2698  -1.4942  -0.0022  0.0036  -0.0000  -0.0165  0.0005  -0.0001 | 0.1466  -0.0213  -0.0004  0.0011  -0.0000  -0.0029  0.0001  -0.0000 | -2.1138  -1.1996  -0.0044  -0.0040  0.0000  -0.0331  -0.0005  0.0002 | -0.1754  -0.0132  -0.0002  0.0329  -0.0001  -0.0016  0.0041  -0.0011 |
| 8.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0540  -0.0614  -0.0008  -0.0629  0.0001  -0.0063  -0.0079  0.0023 | -3.7314  -1.2927  -0.0009  -0.0009  -0.0000  -0.0069  -0.0001  -0.0000 | 0.2856  -0.0160  -0.0003  0.0006  -0.0000  -0.0022  0.0001  -0.0000 | -1.2307  -0.8559  -0.0042  -0.0034  0.0000  -0.0318  -0.0004  0.0002 | -0.1391  -0.0502  -0.0007  0.0065  -0.0000  -0.0056  0.0008  -0.0001 |
| 8.175 | 1.050 | 1  2  3  4  5  6  7  8 | -0.1146  0.0264  0.0006  -0.0107  0.0000  0.0044  -0.0013  0.0002 | -3.3060  -1.1271  -0.0010  -0.0016  -0.0000  -0.0072  -0.0002  -0.0000 | 0.4079  0.0103  -0.0000  0.0002  -0.0000  -0.0002  0.0000  -0.0000 | -0.4397  -0.5752  -0.0043  -0.0027  0.0000  -0.0320  -0.0003  0.0002 | -0.0440  -0.0732  -0.0009  0.0017  0.0000  -0.0065  0.0002  0.0001 |
| 8.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.3145  0.0368  0.0005  -0.0010  -0.0000  0.0035  -0.0001  -0.0000 | -2.7206  -0.9937  -0.0014  -0.0020  0.0000  -0.0106  -0.0002  0.0000 | 0.4344  0.0461  0.0004  0.0000  -0.0000  0.0030  0.0000  -0.0001 | 0.3130  -0.3245  -0.0041  -0.0022  0.0000  -0.0308  -0.0003  0.0002 | 0.0927  -0.0647  -0.0007  0.0006  0.0000  -0.0049  0.0001  0.0000 |
| 8.175 | 1.550 | 1  2  3  4  5  6  7  8 | 0.1759  0.0564  0.0007  -0.0001  -0.0000  0.0050  -0.0000  -0.0001 | -2.2781  -0.8578  -0.0019  -0.0020  0.0000  -0.0141  -0.0003  0.0001 | 0.3545  0.0536  0.0005  0.0001  -0.0000  0.0036  0.0000  -0.0001 | 0.9593  -0.0947  -0.0037  -0.0016  0.0000  -0.0280  -0.0002  0.0002 | 0.2117  -0.0470  -0.0004  0.0002  -0.0000  -0.0029  0.0000  -0.0000 |
| 8.175 | 1.800 | 1  2  3  4  5  6  7  8 | 0.2007  0.0675  0.0008  0.0001  -0.0000  0.0057  0.0000  -0.0001 | -2.0715  -0.7136  -0.0024  -0.0017  0.0000  -0.0178  -0.0002  0.0001 | 0.1898  0.0423  0.0004  0.0002  -0.0000  0.0028  0.0000  -0.0000 | 1.6061  0.1089  -0.0031  -0.0013  0.0000  -0.0236  -0.0002  0.0002 | 0.2707  -0.0311  -0.0001  -0.0001  -0.0000  -0.0010  -0.0000  -0.0001 |
| 8.175 | 2.050 | 1  2  3  4  5  6  7  8 | 0.0491  0.0550  0.0006  0.0002  -0.0000  0.0044  0.0000  -0.0001 | -1.6950  -0.5467  -0.0027  -0.0016  0.0000  -0.0202  -0.0002  0.0001 | 0.0664  0.0297  0.0002  0.0003  -0.0000  0.0018  0.0000  -0.0000 | 2.1686  0.2770  -0.0024  -0.0009  0.0000  -0.0181  -0.0001  0.0002 | 0.2513  -0.0247  0.0000  -0.0003  -0.0000  0.0001  -0.0000  -0.0001 |
| 8.175 | 2.300 | 1  2  3  4  5  6  7  8 | -0.0841  0.0421  0.0004  0.0003  -0.0000  0.0029  0.0000  -0.0001 | -1.1783  -0.3574  -0.0028  -0.0015  0.0000  -0.0210  -0.0002  0.0001 | -0.0040  0.0220  0.0001  0.0004  -0.0000  0.0011  0.0001  -0.0000 | 2.5807  0.3974  -0.0016  -0.0006  0.0000  -0.0124  -0.0001  0.0001 | 0.1884  -0.0249  0.0001  -0.0004  -0.0000  0.0006  -0.0001  -0.0001 |
| 8.175 | 2.550 | 1  2  3  4  5  6  7  8 | -0.1614  0.0367  0.0002  0.0004  -0.0000  0.0017  0.0000  -0.0000 | -0.6075  -0.1567  -0.0028  -0.0016  0.0000  -0.0210  -0.0002  0.0001 | -0.0387  0.0189  0.0001  0.0004  -0.0000  0.0007  0.0001  -0.0000 | 2.8288  0.4652  -0.0009  -0.0002  0.0000  -0.0068  -0.0000  0.0001 | 0.1070  -0.0279  0.0001  -0.0006  -0.0000  0.0008  -0.0001  -0.0001 |
| 8.175 | 2.800 | 1  2  3  4  5  6  7  8 | -0.1890  0.0397  0.0001  0.0004  -0.0000  0.0009  0.0000  -0.0000 | -0.0233  0.0483  -0.0028  -0.0016  0.0000  -0.0209  -0.0002  0.0001 | -0.0505  0.0195  0.0001  0.0004  -0.0000  0.0005  0.0001  -0.0000 | 2.9156  0.4793  -0.0002  0.0002  0.0000  -0.0014  0.0000  0.0001 | 0.0192  -0.0316  0.0001  -0.0008  -0.0000  0.0008  -0.0001  -0.0001 |
| 8.175 | 3.050 | 1  2  3  4  5  6  7  8 | -0.1728  0.0523  0.0000  0.0003  -0.0000  0.0003  0.0000  -0.0000 | 0.5611  0.2541  -0.0028  -0.0016  0.0000  -0.0208  -0.0002  0.0001 | -0.0440  0.0241  0.0000  0.0004  -0.0000  0.0003  0.0000  -0.0000 | 2.8436  0.4387  0.0005  0.0006  0.0000  0.0039  0.0001  0.0000 | -0.0689  -0.0347  0.0001  -0.0009  -0.0000  0.0007  -0.0001  -0.0001 |
| 8.175 | 3.300 | 1  2  3  4  5  6  7  8 | -0.1094  0.0766  -0.0000  0.0002  0.0000  -0.0003  0.0000  0.0000 | 1.1338  0.4552  -0.0028  -0.0016  0.0000  -0.0206  -0.0002  0.0001 | -0.0163  0.0341  0.0000  0.0003  -0.0000  0.0002  0.0000  -0.0000 | 2.6115  0.3426  0.0012  0.0011  0.0000  0.0092  0.0001  0.0000 | -0.1514  -0.0353  0.0001  -0.0011  -0.0000  0.0005  -0.0001  -0.0001 |
| 8.175 | 3.550 | 1  2  3  4  5  6  7  8 | 0.0068  0.1139  -0.0001  -0.0000  0.0000  -0.0010  -0.0000  0.0000 | 1.6607  0.6384  -0.0027  -0.0014  0.0000  -0.0203  -0.0002  0.0001 | 0.0435  0.0528  0.0000  0.0002  -0.0000  0.0001  0.0000  -0.0000 | 2.2171  0.1913  0.0019  0.0017  -0.0000  0.0144  0.0002  -0.0000 | -0.2176  -0.0294  0.0000  -0.0013  -0.0000  0.0002  -0.0002  -0.0001 |
| 8.175 | 3.800 | 1  2  3  4  5  6  7  8 | 0.1456  0.1511  -0.0002  -0.0003  0.0000  -0.0016  -0.0000  0.0000 | 2.0672  0.7806  -0.0026  -0.0010  0.0000  -0.0196  -0.0001  0.0002 | 0.1503  0.0820  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | 1.6716  -0.0084  0.0026  0.0022  -0.0000  0.0194  0.0003  -0.0001 | -0.2456  -0.0101  -0.0001  -0.0015  -0.0000  -0.0005  -0.0002  -0.0001 |
| 8.175 | 4.050 | 1  2  3  4  5  6  7  8 | 0.1440  0.1402  -0.0002  -0.0005  0.0000  -0.0018  -0.0001  0.0001 | 2.3222  0.8803  -0.0025  -0.0004  0.0000  -0.0189  -0.0000  0.0002 | 0.2956  0.1122  0.0000  -0.0002  -0.0000  0.0003  -0.0000  -0.0000 | 1.0311  -0.2340  0.0032  0.0025  -0.0000  0.0239  0.0003  -0.0001 | -0.2038  0.0298  -0.0002  -0.0019  -0.0000  -0.0014  -0.0002  -0.0001 |
| 8.175 | 4.300 | 1  2  3  4  5  6  7  8 | -0.2463  0.0833  -0.0007  -0.0016  0.0000  -0.0050  -0.0002  0.0001 | 2.7591  0.9901  -0.0022  0.0003  0.0000  -0.0162  0.0000  0.0002 | 0.3703  0.1100  0.0002  -0.0001  -0.0000  0.0012  -0.0000  -0.0001 | 0.3730  -0.4681  0.0037  0.0025  -0.0000  0.0281  0.0003  -0.0001 | -0.1044  0.0776  -0.0003  -0.0024  -0.0000  -0.0021  -0.0003  -0.0001 |
| 8.175 | 4.550 | 1  2  3  4  5  6  7  8 | -0.0703  0.1089  -0.0003  -0.0096  -0.0000  -0.0025  -0.0012  -0.0002 | 3.3034  1.1069  -0.0016  0.0010  0.0000  -0.0119  0.0001  0.0002 | 0.3549  0.0555  0.0004  0.0005  -0.0000  0.0033  0.0001  -0.0001 | -0.3862  -0.7116  0.0041  0.0021  -0.0000  0.0309  0.0003  -0.0002 | 0.0139  0.1165  -0.0003  -0.0033  -0.0000  -0.0024  -0.0004  -0.0001 |
| 8.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0026  0.0006  0.0029  -0.0516  -0.0001  0.0214  -0.0065  -0.0022 | 3.7145  1.2547  -0.0015  0.0008  0.0000  -0.0113  0.0001  0.0001 | 0.2495  0.0106  0.0005  0.0009  -0.0000  0.0041  0.0001  -0.0000 | -1.1867  -0.9700  0.0044  0.0014  -0.0000  0.0328  0.0002  -0.0002 | 0.1003  0.1089  0.0000  -0.0070  -0.0000  0.0001  -0.0009  -0.0002 |
| 8.175 | 5.050 | 1  2  3  4  5  6  7  8 | 0.0031  -0.0432  0.0179  -0.2918  -0.0009  0.1340  -0.0365  -0.0135 | 4.2578  1.4624  -0.0028  -0.0021  0.0000  -0.0208  -0.0003  0.0002 | 0.1236  -0.0078  0.0005  0.0010  -0.0000  0.0038  0.0001  -0.0000 | -2.0756  -1.2933  0.0048  0.0012  -0.0000  0.0359  0.0002  -0.0003 | 0.1380  0.0775  0.0015  -0.0284  -0.0001  0.0110  -0.0035  -0.0012 |
| 8.175 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0122  0.0056  0.0014  -0.0231  -0.0001  0.0105  -0.0029  -0.0011 | 4.5913  1.5716  -0.0039  -0.0046  0.0000  -0.0291  -0.0006  0.0003 | -0.0006  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -3.7517  -1.8795  0.0062  0.0029  -0.0000  0.0468  0.0004  -0.0004 | 0.0504  0.0229  0.0018  -0.0306  -0.0001  0.0135  -0.0038  -0.0014 |
| 8.425 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0144  0.0040  -0.0005  -0.0274  0.0001  -0.0036  -0.0034  0.0010 | -4.0876  -1.5106  -0.0026  0.0042  -0.0000  -0.0194  0.0005  -0.0000 | 0.0012  -0.0001  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -3.5987  -1.6930  -0.0051  -0.0023  0.0000  -0.0382  -0.0003  0.0002 | -0.0882  -0.0013  0.0005  0.0353  -0.0001  0.0035  0.0044  -0.0013 |
| 8.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.1580  -0.0731  -0.0072  -0.3471  0.0008  -0.0540  -0.0434  0.0134 | -3.9003  -1.3960  -0.0016  0.0018  -0.0000  -0.0122  0.0002  -0.0000 | 0.1912  -0.0322  -0.0004  0.0007  0.0000  -0.0033  0.0001  0.0000 | -2.1205  -1.1211  -0.0041  -0.0038  0.0000  -0.0308  -0.0005  0.0002 | -0.2790  -0.0080  -0.0001  0.0321  -0.0001  -0.0006  0.0040  -0.0010 |
| 8.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0034  -0.1012  -0.0017  -0.0616  0.0001  -0.0126  -0.0077  0.0023 | -3.5268  -1.1464  -0.0000  -0.0013  -0.0000  -0.0002  -0.0002  -0.0001 | 0.3587  -0.0396  -0.0005  0.0003  -0.0000  -0.0038  0.0000  -0.0000 | -1.3249  -0.7972  -0.0040  -0.0033  0.0000  -0.0296  -0.0004  0.0002 | -0.2654  -0.0585  -0.0008  0.0067  -0.0000  -0.0062  0.0008  -0.0001 |
| 8.425 | 1.050 | 1  2  3  4  5  6  7  8 | 0.0748  0.0393  0.0001  -0.0107  0.0000  0.0010  -0.0013  0.0003 | -3.2884  -0.8944  0.0013  -0.0019  -0.0000  0.0098  -0.0002  -0.0002 | 0.5892  -0.0240  -0.0004  -0.0002  -0.0000  -0.0028  -0.0000  -0.0000 | -0.6546  -0.5623  -0.0043  -0.0024  0.0000  -0.0322  -0.0003  0.0003 | -0.1512  -0.1012  -0.0012  0.0020  0.0000  -0.0088  0.0002  0.0001 |
| 8.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.8045  0.1866  0.0020  -0.0004  -0.0000  0.0147  -0.0001  -0.0001 | -2.6692  -0.7997  0.0007  -0.0022  -0.0000  0.0053  -0.0003  -0.0001 | 0.7788  0.0635  0.0007  -0.0007  -0.0000  0.0055  -0.0001  -0.0001 | 0.1163  -0.3624  -0.0047  -0.0017  0.0000  -0.0350  -0.0002  0.0003 | 0.1472  -0.0661  -0.0006  0.0007  0.0000  -0.0048  0.0001  0.0000 |
| 8.425 | 1.550 | 1  2  3  4  5  6  7  8 | 0.9599  0.1821  0.0020  -0.0009  -0.0000  0.0151  -0.0001  -0.0003 | -2.5186  -0.8276  -0.0017  -0.0020  0.0000  -0.0125  -0.0002  0.0001 | 0.3852  0.0611  0.0006  -0.0002  -0.0000  0.0047  -0.0000  -0.0001 | 0.7661  -0.1293  -0.0042  -0.0012  0.0000  -0.0314  -0.0001  0.0003 | 0.3509  -0.0415  -0.0003  0.0001  -0.0000  -0.0026  0.0000  -0.0000 |
| 8.425 | 1.800 | 1  2  3  4  5  6  7  8 | 0.2691  0.1012  0.0012  -0.0001  -0.0000  0.0092  -0.0000  -0.0002 | -2.7074  -0.7549  -0.0030  -0.0013  0.0000  -0.0224  -0.0002  0.0002 | 0.1016  0.0302  0.0003  0.0000  -0.0000  0.0024  0.0000  -0.0000 | 1.6060  0.0936  -0.0034  -0.0010  0.0000  -0.0256  -0.0001  0.0002 | 0.3758  -0.0183  -0.0000  -0.0002  -0.0000  -0.0001  -0.0000  -0.0001 |
| 8.425 | 2.050 | 1  2  3  4  5  6  7  8 | -0.1064  0.0485  0.0006  0.0002  -0.0000  0.0048  0.0000  -0.0001 | -2.1267  -0.5727  -0.0032  -0.0012  0.0000  -0.0240  -0.0001  0.0002 | -0.0137  0.0143  0.0001  0.0001  -0.0000  0.0011  0.0000  -0.0000 | 2.2582  0.2769  -0.0025  -0.0007  0.0000  -0.0188  -0.0001  0.0002 | 0.3049  -0.0159  0.0001  -0.0003  -0.0000  0.0007  -0.0000  -0.0001 |
| 8.425 | 2.300 | 1  2  3  4  5  6  7  8 | -0.2835  0.0235  0.0003  0.0003  -0.0000  0.0025  0.0000  -0.0000 | -1.4184  -0.3608  -0.0031  -0.0012  0.0000  -0.0233  -0.0001  0.0002 | -0.0589  0.0079  0.0001  0.0002  -0.0000  0.0005  0.0000  -0.0000 | 2.6965  0.4028  -0.0017  -0.0004  0.0000  -0.0126  -0.0001  0.0001 | 0.2118  -0.0199  0.0001  -0.0004  -0.0000  0.0009  -0.0001  -0.0001 |
| 8.425 | 2.550 | 1  2  3  4  5  6  7  8 | -0.3607  0.0147  0.0002  0.0004  -0.0000  0.0013  0.0000  -0.0000 | -0.7201  -0.1446  -0.0030  -0.0012  0.0000  -0.0225  -0.0001  0.0002 | -0.0770  0.0058  0.0000  0.0002  -0.0000  0.0003  0.0000  -0.0000 | 2.9503  0.4721  -0.0009  -0.0000  0.0000  -0.0068  -0.0000  0.0001 | 0.1156  -0.0256  0.0001  -0.0006  -0.0000  0.0009  -0.0001  -0.0001 |
| 8.425 | 2.800 | 1  2  3  4  5  6  7  8 | -0.3850  0.0158  0.0001  0.0004  -0.0000  0.0007  0.0000  -0.0000 | -0.0388  0.0725  -0.0029  -0.0012  0.0000  -0.0220  -0.0001  0.0002 | -0.0826  0.0059  0.0000  0.0002  -0.0000  0.0002  0.0000  -0.0000 | 3.0378  0.4863  -0.0002  0.0004  0.0000  -0.0013  0.0000  0.0001 | 0.0197  -0.0315  0.0001  -0.0007  -0.0000  0.0009  -0.0001  -0.0001 |
| 8.425 | 3.050 | 1  2  3  4  5  6  7  8 | -0.3702  0.0263  0.0000  0.0003  -0.0000  0.0002  0.0000  -0.0000 | 0.6405  0.2930  -0.0029  -0.0012  0.0000  -0.0218  -0.0001  0.0002 | -0.0794  0.0080  0.0000  0.0002  -0.0000  0.0001  0.0000  -0.0000 | 2.9648  0.4449  0.0005  0.0008  0.0000  0.0041  0.0001  0.0000 | -0.0758  -0.0374  0.0001  -0.0009  -0.0000  0.0008  -0.0001  -0.0001 |
| 8.425 | 3.300 | 1  2  3  4  5  6  7  8 | -0.3068  0.0520  -0.0000  0.0002  -0.0000  -0.0003  0.0000  -0.0000 | 1.3329  0.5187  -0.0029  -0.0012  0.0000  -0.0218  -0.0001  0.0002 | -0.0648  0.0136  0.0000  0.0001  -0.0000  0.0000  0.0000  -0.0000 | 2.7274  0.3457  0.0013  0.0013  -0.0000  0.0095  0.0002  -0.0000 | -0.1712  -0.0427  0.0001  -0.0010  -0.0000  0.0006  -0.0001  -0.0001 |
| 8.425 | 3.550 | 1  2  3  4  5  6  7  8 | -0.1547  0.1074  -0.0002  -0.0002  -0.0000  -0.0013  -0.0000  -0.0000 | 2.0351  0.7430  -0.0029  -0.0012  0.0000  -0.0219  -0.0001  0.0002 | -0.0266  0.0272  -0.0000  0.0000  -0.0000  -0.0001  0.0000  -0.0000 | 2.3102  0.1836  0.0020  0.0019  -0.0000  0.0150  0.0002  -0.0000 | -0.2636  -0.0449  0.0000  -0.0011  -0.0000  0.0003  -0.0001  -0.0001 |
| 8.425 | 3.800 | 1  2  3  4  5  6  7  8 | 0.1726  0.2176  -0.0004  -0.0008  -0.0000  -0.0029  -0.0001  -0.0000 | 2.6333  0.9170  -0.0028  -0.0009  0.0000  -0.0209  -0.0001  0.0002 | 0.0723  0.0598  -0.0001  -0.0002  -0.0000  -0.0005  -0.0000  -0.0000 | 1.6866  -0.0456  0.0028  0.0025  -0.0000  0.0207  0.0003  -0.0001 | -0.3366  -0.0354  -0.0001  -0.0013  -0.0000  -0.0005  -0.0002  -0.0001 |
| 8.425 | 4.050 | 1  2  3  4  5  6  7  8 | 0.7878  0.3878  -0.0005  -0.0019  -0.0000  -0.0041  -0.0002  -0.0000 | 2.5777  0.8795  -0.0024  0.0003  0.0000  -0.0180  0.0000  0.0003 | 0.3182  0.1257  -0.0001  -0.0005  -0.0000  -0.0007  -0.0001  -0.0000 | 0.8744  -0.3134  0.0034  0.0030  -0.0000  0.0252  0.0004  -0.0001 | -0.3261  0.0122  -0.0003  -0.0017  -0.0000  -0.0022  -0.0002  -0.0000 |
| 8.425 | 4.300 | 1  2  3  4  5  6  7  8 | -0.6665  0.2723  -0.0023  -0.0039  0.0000  -0.0170  -0.0005  0.0002 | 2.7875  0.7095  -0.0008  0.0031  0.0000  -0.0063  0.0004  0.0003 | 0.6535  0.1666  0.0002  -0.0008  -0.0000  0.0018  -0.0001  -0.0001 | 0.2051  -0.5581  0.0040  0.0033  -0.0000  0.0300  0.0004  -0.0002 | -0.1503  0.0729  -0.0003  -0.0024  -0.0000  -0.0024  -0.0003  -0.0000 |
| 8.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.1528  0.1146  -0.0001  -0.0092  -0.0000  -0.0007  -0.0012  -0.0002 | 3.3273  0.7815  -0.0001  0.0044  0.0000  -0.0004  0.0006  0.0002 | 0.5097  0.0138  0.0009  0.0008  -0.0000  0.0068  0.0001  -0.0001 | -0.5795  -0.7291  0.0040  0.0020  -0.0000  0.0301  0.0003  -0.0002 | 0.1037  0.1647  -0.0005  -0.0038  -0.0000  -0.0034  -0.0005  -0.0001 |
| 8.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0674  -0.0648  0.0034  -0.0497  -0.0001  0.0258  -0.0062  -0.0022 | 3.5268  1.0842  -0.0010  0.0024  0.0000  -0.0073  0.0003  0.0002 | 0.3066  -0.0228  0.0008  0.0012  -0.0000  0.0060  0.0001  -0.0001 | -1.2755  -0.9222  0.0042  0.0007  -0.0000  0.0312  0.0001  -0.0003 | 0.2109  0.1304  0.0001  -0.0071  -0.0000  0.0005  -0.0009  -0.0002 |
| 8.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.0735  -0.1178  0.0198  -0.2857  -0.0009  0.1483  -0.0357  -0.0136 | 3.8939  1.4074  -0.0022  -0.0027  0.0000  -0.0166  -0.0003  0.0001 | 0.1587  -0.0299  0.0006  0.0013  -0.0000  0.0043  0.0002  -0.0000 | -2.0850  -1.2264  0.0046  0.0002  -0.0000  0.0348  0.0000  -0.0004 | 0.2290  0.0804  0.0017  -0.0273  -0.0001  0.0124  -0.0034  -0.0012 |
| 8.425 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0137  0.0041  0.0015  -0.0227  -0.0001  0.0116  -0.0028  -0.0011 | 4.0888  1.5682  -0.0030  -0.0063  0.0000  -0.0226  -0.0008  0.0001 | 0.0009  -0.0003  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.5711  -1.8156  0.0058  0.0025  -0.0000  0.0438  0.0003  -0.0004 | 0.0752  0.0213  0.0020  -0.0293  -0.0001  0.0147  -0.0037  -0.0014 |
| 8.601 | 1.550 | 1  2  3  4  5  6  7  8 | 1.5852  0.2782  0.0031  -0.0015  -0.0000  0.0232  -0.0002  -0.0004 | -2.5186  -0.8276  -0.0017  -0.0020  0.0000  -0.0125  -0.0002  0.0001 | 0.0086  0.0034  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000  -0.0000 | 0.7661  -0.1293  -0.0042  -0.0012  0.0000  -0.0314  -0.0001  0.0003 | 0.4161  -0.0329  -0.0003  -0.0001  -0.0000  -0.0025  -0.0000  -0.0000 |
| 8.601 | 1.800 | 1  2  3  4  5  6  7  8 | 0.2509  0.1135  0.0015  -0.0002  -0.0000  0.0110  -0.0000  -0.0002 | -2.7074  -0.7549  -0.0030  -0.0013  0.0000  -0.0224  -0.0002  0.0002 | 0.0080  0.0034  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 1.6060  0.0936  -0.0034  -0.0010  0.0000  -0.0256  -0.0001  0.0002 | 0.3853  -0.0073  0.0001  -0.0002  -0.0000  0.0005  -0.0000  -0.0001 |
| 8.601 | 2.050 | 1  2  3  4  5  6  7  8 | -0.2505  0.0350  0.0006  0.0002  -0.0000  0.0046  0.0000  -0.0001 | -2.1267  -0.5727  -0.0032  -0.0012  0.0000  -0.0240  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | 2.2582  0.2769  -0.0025  -0.0007  0.0000  -0.0188  -0.0001  0.0002 | 0.2860  -0.0092  0.0001  -0.0003  -0.0000  0.0009  -0.0000  -0.0001 |
| 8.601 | 2.300 | 1  2  3  4  5  6  7  8 | -0.4294  0.0060  0.0003  0.0003  -0.0000  0.0020  0.0000  -0.0000 | -1.4184  -0.3608  -0.0031  -0.0012  0.0000  -0.0233  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | 2.6965  0.4028  -0.0017  -0.0004  0.0000  -0.0126  -0.0001  0.0001 | 0.1905  -0.0151  0.0001  -0.0004  -0.0000  0.0009  -0.0000  -0.0001 |
| 8.601 | 2.550 | 1  2  3  4  5  6  7  8 | -0.4949  -0.0030  0.0001  0.0004  -0.0000  0.0010  0.0000  -0.0000 | -0.7201  -0.1446  -0.0030  -0.0012  0.0000  -0.0225  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 2.9503  0.4721  -0.0009  -0.0000  0.0000  -0.0068  -0.0000  0.0001 | 0.1021  -0.0212  0.0001  -0.0005  -0.0000  0.0009  -0.0001  -0.0001 |
| 8.601 | 2.800 | 1  2  3  4  5  6  7  8 | -0.5139  -0.0028  0.0001  0.0004  -0.0000  0.0006  0.0000  -0.0000 | -0.0388  0.0725  -0.0029  -0.0012  0.0000  -0.0220  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 3.0378  0.4863  -0.0002  0.0004  0.0000  -0.0013  0.0000  0.0001 | 0.0171  -0.0271  0.0001  -0.0006  -0.0000  0.0008  -0.0001  -0.0001 |
| 8.601 | 3.050 | 1  2  3  4  5  6  7  8 | -0.5023  0.0054  0.0000  0.0003  -0.0000  0.0002  0.0000  -0.0000 | 0.6405  0.2930  -0.0029  -0.0012  0.0000  -0.0218  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 2.9648  0.4449  0.0005  0.0008  0.0000  0.0041  0.0001  0.0000 | -0.0675  -0.0332  0.0001  -0.0007  -0.0000  0.0007  -0.0001  -0.0001 |
| 8.601 | 3.300 | 1  2  3  4  5  6  7  8 | -0.4487  0.0281  -0.0000  0.0002  -0.0000  -0.0003  0.0000  -0.0000 | 1.3329  0.5187  -0.0029  -0.0012  0.0000  -0.0218  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 2.7274  0.3457  0.0013  0.0013  -0.0000  0.0095  0.0002  -0.0000 | -0.1545  -0.0397  0.0001  -0.0008  -0.0000  0.0006  -0.0001  -0.0001 |
| 8.601 | 3.550 | 1  2  3  4  5  6  7  8 | -0.2966  0.0879  -0.0002  -0.0002  -0.0000  -0.0014  -0.0000  -0.0000 | 2.0351  0.7430  -0.0029  -0.0012  0.0000  -0.0219  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 2.3102  0.1836  0.0020  0.0019  -0.0000  0.0150  0.0002  -0.0000 | -0.2473  -0.0464  0.0000  -0.0009  -0.0000  0.0003  -0.0001  -0.0001 |
| 8.601 | 3.800 | 1  2  3  4  5  6  7  8 | 0.1347  0.2440  -0.0005  -0.0010  -0.0000  -0.0038  -0.0001  -0.0000 | 2.6333  0.9170  -0.0028  -0.0009  0.0000  -0.0209  -0.0001  0.0002 | 0.0080  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 1.6866  -0.0456  0.0028  0.0025  -0.0000  0.0207  0.0003  -0.0001 | -0.3437  -0.0466  -0.0000  -0.0010  -0.0000  -0.0003  -0.0001  -0.0000 |
| 8.601 | 4.050 | 1  2  3  4  5  6  7  8 | 1.2996  0.5799  -0.0008  -0.0028  -0.0000  -0.0061  -0.0003  -0.0001 | 2.5777  0.8795  -0.0024  0.0003  0.0000  -0.0180  0.0000  0.0003 | 0.0085  0.0034  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 0.8744  -0.3134  0.0034  0.0030  -0.0000  0.0252  0.0004  -0.0001 | -0.3845  0.0015  -0.0004  -0.0015  -0.0000  -0.0027  -0.0002  -0.0000 |
| 8.601 | 4.300 | 1  2  3  4  5  6  7  8 | -0.9698  0.4312  -0.0036  -0.0059  0.0000  -0.0266  -0.0007  0.0003 | 2.7875  0.7095  -0.0008  0.0031  0.0000  -0.0063  0.0004  0.0003 | 1.0605  0.1076  0.0011  0.0001  -0.0000  0.0084  0.0000  -0.0002 | 0.2051  -0.5581  0.0040  0.0033  -0.0000  0.0300  0.0004  -0.0002 | -0.1892  -0.0037  0.0001  -0.0016  -0.0000  0.0004  -0.0002  -0.0000 |
| 8.675 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0177  0.0044  -0.0006  -0.0271  0.0001  -0.0047  -0.0034  0.0011 | -4.2699  -1.4227  -0.0033  0.0033  0.0000  -0.0246  0.0004  0.0001 | -0.0004  -0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -3.5902  -1.5706  -0.0050  -0.0029  0.0000  -0.0372  -0.0004  0.0003 | -0.1207  0.0027  0.0007  0.0358  -0.0001  0.0051  0.0045  -0.0013 |
| 8.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.2997  -0.0960  -0.0094  -0.3424  0.0008  -0.0701  -0.0428  0.0135 | -3.8636  -1.3190  -0.0021  0.0010  0.0000  -0.0158  0.0001  0.0001 | 0.1736  -0.0410  -0.0005  0.0004  0.0000  -0.0038  0.0001  0.0000 | -2.0568  -1.0290  -0.0037  -0.0040  0.0000  -0.0279  -0.0005  0.0002 | -0.4018  0.0039  0.0001  0.0326  -0.0001  0.0009  0.0041  -0.0011 |
| 8.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.0634  -0.1968  -0.0030  -0.0600  0.0001  -0.0228  -0.0075  0.0024 | -3.1317  -1.0594  -0.0002  -0.0022  -0.0000  -0.0014  -0.0003  -0.0001 | 0.3749  -0.0590  -0.0006  0.0000  0.0000  -0.0044  0.0000  0.0000 | -1.3575  -0.7132  -0.0035  -0.0034  0.0000  -0.0261  -0.0004  0.0003 | -0.4444  -0.0563  -0.0008  0.0072  -0.0000  -0.0061  0.0009  -0.0001 |
| 8.675 | 1.050 | 1  2  3  4  5  6  7  8 | 0.2876  -0.1248  -0.0022  -0.0102  0.0000  -0.0165  -0.0013  0.0004 | -2.6192  -0.6608  0.0022  -0.0038  -0.0000  0.0163  -0.0005  -0.0002 | 0.6692  -0.0675  -0.0006  -0.0007  0.0000  -0.0048  -0.0001  0.0000 | -0.9296  -0.4929  -0.0037  -0.0019  0.0000  -0.0281  -0.0002  0.0003 | -0.4150  -0.1201  -0.0014  0.0024  0.0000  -0.0106  0.0003  0.0001 |
| 8.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.5740  0.1484  0.0016  -0.0000  -0.0000  0.0117  -0.0000  -0.0001 | -2.4324  -0.4181  0.0038  -0.0043  -0.0000  0.0285  -0.0005  -0.0003 | 0.6366  0.0015  0.0001  -0.0006  -0.0000  0.0007  -0.0001  -0.0001 | -0.2546  -0.3560  -0.0052  -0.0001  0.0000  -0.0391  -0.0000  0.0004 | -0.0483  -0.0536  -0.0006  0.0007  0.0000  -0.0042  0.0001  0.0000 |
| 8.675 | 4.301 | 1  2  3  4  5  6  7  8 | 0.4361  -0.1394  0.0015  -0.0059  -0.0000  0.0111  -0.0007  -0.0001 | 2.5528  0.1802  0.0012  0.0103  0.0000  0.0087  0.0013  0.0003 | 0.5571  -0.0407  0.0014  0.0008  -0.0000  0.0102  0.0001  -0.0002 | -0.0926  -0.6338  0.0037  0.0053  -0.0000  0.0278  0.0007  -0.0001 | 0.2638  0.2291  -0.0007  -0.0035  -0.0000  -0.0051  -0.0004  -0.0001 |
| 8.675 | 4.550 | 1  2  3  4  5  6  7  8 | 0.4361  -0.1394  0.0015  -0.0059  -0.0000  0.0111  -0.0007  -0.0001 | 2.6939  0.4891  0.0001  0.0076  0.0000  0.0006  0.0009  0.0003 | 0.5571  -0.0407  0.0014  0.0008  -0.0000  0.0102  0.0001  -0.0002 | -0.8336  -0.6699  0.0034  0.0014  -0.0000  0.0253  0.0002  -0.0002 | 0.3303  0.2125  -0.0004  -0.0041  -0.0000  -0.0031  -0.0005  -0.0001 |
| 8.675 | 4.800 | 1  2  3  4  5  6  7  8 | 0.0561  -0.2161  0.0043  -0.0465  -0.0001  0.0319  -0.0058  -0.0021 | 3.1259  0.9824  -0.0014  0.0030  0.0000  -0.0104  0.0004  0.0002 | 0.3049  -0.0452  0.0010  0.0012  -0.0000  0.0074  0.0001  -0.0001 | -1.3106  -0.8422  0.0038  -0.0003  -0.0000  0.0286  -0.0000  -0.0003 | 0.3643  0.1400  0.0003  -0.0074  -0.0000  0.0020  -0.0009  -0.0003 |
| 8.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.1788  -0.1992  0.0214  -0.2764  -0.0008  0.1603  -0.0345  -0.0134 | 3.7791  1.2828  -0.0026  -0.0045  0.0000  -0.0194  -0.0006  0.0001 | 0.1399  -0.0331  0.0006  0.0016  -0.0000  0.0049  0.0002  -0.0000 | -2.0284  -1.1394  0.0045  -0.0011  -0.0000  0.0337  -0.0001  -0.0004 | 0.3325  0.0746  0.0020  -0.0276  -0.0001  0.0152  -0.0034  -0.0012 |
| 8.675 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0164  0.0029  0.0017  -0.0221  -0.0001  0.0126  -0.0028  -0.0011 | 4.1414  1.3987  -0.0034  -0.0101  -0.0000  -0.0254  -0.0013  -0.0000 | -0.0004  -0.0000  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -3.5262  -1.6697  0.0059  0.0024  -0.0000  0.0440  0.0003  -0.0005 | 0.1026  0.0179  0.0022  -0.0294  -0.0001  0.0167  -0.0037  -0.0014 |
| 8.925 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0192  0.0026  -0.0008  -0.0267  0.0001  -0.0057  -0.0033  0.0011 | -3.7056  -1.4989  -0.0031  0.0060  -0.0000  -0.0231  0.0008  -0.0000 | 0.0009  -0.0004  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | -3.2747  -1.4987  -0.0046  -0.0030  0.0000  -0.0343  -0.0004  0.0003 | -0.1530  0.0092  0.0008  0.0345  -0.0001  0.0064  0.0043  -0.0013 |
| 8.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.4962  -0.1479  -0.0112  -0.3362  0.0008  -0.0839  -0.0420  0.0135 | -3.4635  -1.3552  -0.0024  0.0021  0.0000  -0.0181  0.0003  0.0000 | 0.1896  -0.0529  -0.0004  0.0005  0.0000  -0.0033  0.0001  0.0000 | -1.9442  -0.9298  -0.0034  -0.0049  0.0000  -0.0256  -0.0006  0.0003 | -0.5284  0.0186  0.0003  0.0318  -0.0001  0.0021  0.0040  -0.0010 |
| 8.925 | 0.800 | 1  2  3  4  5  6  7  8 | -0.1605  -0.2511  -0.0034  -0.0579  0.0001  -0.0252  -0.0072  0.0023 | -2.9979  -1.1178  -0.0022  -0.0028  0.0000  -0.0163  -0.0004  0.0001 | 0.3724  -0.0605  -0.0005  -0.0004  0.0000  -0.0034  -0.0000  0.0000 | -1.2847  -0.6175  -0.0030  -0.0037  0.0000  -0.0224  -0.0005  0.0003 | -0.6322  -0.0506  -0.0008  0.0076  -0.0000  -0.0061  0.0010  -0.0001 |
| 8.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.5050  -0.1719  -0.0019  -0.0097  0.0000  -0.0143  -0.0012  0.0003 | -2.7269  -1.0242  -0.0045  -0.0038  0.0000  -0.0339  -0.0005  0.0004 | 0.6341  -0.0577  -0.0003  -0.0015  0.0000  -0.0022  -0.0002  0.0000 | -0.7904  -0.3531  -0.0023  -0.0018  0.0000  -0.0175  -0.0002  0.0002 | -0.6966  -0.1274  -0.0015  0.0032  0.0000  -0.0115  0.0004  0.0001 |
| 8.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0033  -0.0059  -0.0001  0.0001  0.0000  -0.0007  0.0000  0.0000 | -2.6792  -1.0244  -0.0064  -0.0038  0.0000  -0.0483  -0.0005  0.0006 | 0.0100  -0.0004  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | 0.0348  0.0113  -0.0000  -0.0000  0.0000  -0.0004  -0.0000  0.0000 | -0.2283  -0.0542  -0.0006  0.0008  0.0000  -0.0047  0.0001  0.0001 |
| 8.925 | 4.301 | 1  2  3  4  5  6  7  8 | 0.5967  -0.1346  0.0013  -0.0050  -0.0000  0.0096  -0.0006  -0.0001 | 2.3903  1.3282  -0.0059  -0.0017  0.0000  -0.0443  -0.0002  0.0005 | 0.4759  -0.0271  0.0014  -0.0006  -0.0000  0.0107  -0.0001  -0.0003 | 0.0113  0.0046  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 0.5400  0.2766  -0.0005  -0.0043  -0.0000  -0.0037  -0.0005  -0.0001 |
| 8.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.5967  -0.1346  0.0013  -0.0050  -0.0000  0.0096  -0.0006  -0.0001 | 2.5402  1.2097  -0.0046  0.0002  0.0000  -0.0346  0.0000  0.0004 | 0.4759  -0.0271  0.0014  -0.0006  -0.0000  0.0107  -0.0001  -0.0003 | -0.7325  -0.4635  0.0023  0.0002  -0.0000  0.0172  0.0000  -0.0002 | 0.5667  0.2385  -0.0002  -0.0048  -0.0000  -0.0011  -0.0006  -0.0002 |
| 8.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0205  -0.2521  0.0043  -0.0440  -0.0001  0.0319  -0.0055  -0.0020 | 2.9276  1.1384  -0.0029  0.0015  0.0000  -0.0220  0.0002  0.0003 | 0.2739  -0.0431  0.0011  0.0005  -0.0000  0.0080  0.0001  -0.0002 | -1.2482  -0.7414  0.0035  -0.0011  -0.0000  0.0263  -0.0001  -0.0004 | 0.5151  0.1414  0.0006  -0.0077  -0.0000  0.0042  -0.0010  -0.0003 |
| 8.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.2956  -0.2133  0.0226  -0.2670  -0.0008  0.1693  -0.0333  -0.0133 | 3.3717  1.2791  -0.0029  -0.0030  0.0000  -0.0219  -0.0004  0.0002 | 0.1420  -0.0357  0.0007  0.0011  -0.0000  0.0052  0.0001  -0.0001 | -1.9316  -1.0449  0.0044  -0.0018  -0.0000  0.0332  -0.0002  -0.0005 | 0.4300  0.0637  0.0024  -0.0268  -0.0001  0.0177  -0.0033  -0.0013 |
| 8.925 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0194  0.0026  0.0018  -0.0214  -0.0001  0.0136  -0.0027  -0.0011 | 3.5780  1.3727  -0.0033  -0.0069  0.0000  -0.0248  -0.0009  0.0001 | 0.0010  -0.0002  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -3.2314  -1.5661  0.0058  0.0005  -0.0000  0.0435  0.0001  -0.0006 | 0.1275  0.0133  0.0024  -0.0280  -0.0001  0.0180  -0.0035  -0.0014 |
| 9.175 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0225  -0.0008  -0.0009  -0.0261  0.0001  -0.0068  -0.0033  0.0011 | -3.6230  -1.3497  -0.0037  0.0082  -0.0000  -0.0275  0.0010  -0.0001 | -0.0002  -0.0002  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -3.0568  -1.3280  -0.0044  -0.0037  0.0000  -0.0332  -0.0005  0.0003 | -0.1842  0.0158  0.0011  0.0348  -0.0001  0.0080  0.0044  -0.0013 |
| 9.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6128  -0.2041  -0.0125  -0.3267  0.0008  -0.0937  -0.0408  0.0133 | -3.2967  -1.2417  -0.0030  0.0026  0.0000  -0.0226  0.0003  0.0000 | 0.1638  -0.0495  -0.0005  0.0005  0.0000  -0.0038  0.0001  0.0000 | -1.7545  -0.8133  -0.0030  -0.0062  0.0000  -0.0227  -0.0008  0.0003 | -0.6425  0.0340  0.0005  0.0328  -0.0001  0.0038  0.0041  -0.0011 |
| 9.175 | 0.800 | 1  2  3  4  5  6  7  8 | -0.1648  -0.2471  -0.0027  -0.0559  0.0001  -0.0200  -0.0070  0.0022 | -2.7376  -1.0360  -0.0026  -0.0040  0.0000  -0.0198  -0.0005  0.0002 | 0.3211  -0.0679  -0.0006  -0.0010  0.0000  -0.0047  -0.0001  0.0001 | -1.1311  -0.5124  -0.0023  -0.0042  0.0000  -0.0176  -0.0005  0.0003 | -0.7794  -0.0383  -0.0007  0.0086  -0.0000  -0.0055  0.0011  -0.0001 |
| 9.175 | 1.050 | 1  2  3  4  5  6  7  8 | 0.6779  -0.0911  0.0003  -0.0102  0.0000  0.0023  -0.0013  0.0001 | -2.2734  -0.8236  -0.0032  -0.0045  0.0000  -0.0240  -0.0006  0.0003 | 0.4769  -0.0955  -0.0008  -0.0023  0.0000  -0.0064  -0.0003  0.0001 | -0.6236  -0.2515  -0.0014  -0.0019  0.0000  -0.0104  -0.0002  0.0001 | -0.8519  -0.1024  -0.0013  0.0041  0.0000  -0.0099  0.0005  0.0001 |
| 9.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0084  -0.0026  -0.0000  0.0001  0.0000  -0.0002  0.0000  0.0000 | -2.0421  -0.7088  -0.0035  -0.0041  0.0000  -0.0261  -0.0005  0.0004 | 0.0058  -0.0017  -0.0000  -0.0000  0.0000  -0.0001  -0.0000  0.0000 | 0.0354  0.0141  -0.0000  -0.0000  0.0000  -0.0001  -0.0000  0.0000 | -0.2714  -0.0402  -0.0005  0.0011  0.0000  -0.0036  0.0001  0.0000 |
| 9.175 | 4.301 | 1  2  3  4  5  6  7  8 | 0.6146  0.0811  -0.0001  -0.0074  -0.0000  -0.0009  -0.0009  -0.0000 | 1.8611  0.8378  -0.0039  0.0013  0.0000  -0.0292  0.0002  0.0004 | 0.3189  -0.1187  0.0021  -0.0010  -0.0000  0.0155  -0.0001  -0.0004 | 0.0113  0.0048  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | 0.6453  0.2161  0.0002  -0.0048  -0.0000  0.0015  -0.0006  -0.0002 |
| 9.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.6146  0.0811  -0.0001  -0.0074  -0.0000  -0.0009  -0.0009  -0.0000 | 2.1449  0.9358  -0.0038  0.0018  0.0000  -0.0284  0.0002  0.0004 | 0.3189  -0.1187  0.0021  -0.0010  -0.0000  0.0155  -0.0001  -0.0004 | -0.5956  -0.3167  0.0017  -0.0009  -0.0000  0.0128  -0.0001  -0.0002 | 0.6897  0.2019  0.0004  -0.0055  -0.0000  0.0032  -0.0007  -0.0003 |
| 9.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0747  -0.1684  0.0036  -0.0429  -0.0001  0.0270  -0.0054  -0.0019 | 2.6970  1.0983  -0.0034  0.0017  0.0000  -0.0258  0.0002  0.0004 | 0.2044  -0.0732  0.0014  0.0001  -0.0000  0.0102  0.0000  -0.0002 | -1.1142  -0.6186  0.0032  -0.0022  -0.0000  0.0241  -0.0003  -0.0004 | 0.6245  0.1252  0.0010  -0.0084  -0.0000  0.0074  -0.0011  -0.0004 |
| 9.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.4024  -0.1726  0.0236  -0.2591  -0.0008  0.1769  -0.0324  -0.0132 | 3.3178  1.2239  -0.0038  -0.0028  0.0000  -0.0286  -0.0004  0.0004 | 0.0935  -0.0441  0.0009  0.0009  -0.0000  0.0065  0.0001  -0.0001 | -1.7711  -0.9355  0.0044  -0.0032  -0.0000  0.0331  -0.0004  -0.0006 | 0.5097  0.0470  0.0028  -0.0271  -0.0001  0.0213  -0.0034  -0.0014 |
| 9.175 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0214  0.0026  0.0020  -0.0209  -0.0001  0.0146  -0.0026  -0.0011 | 3.6702  1.2850  -0.0044  -0.0068  0.0000  -0.0333  -0.0008  0.0004 | -0.0005  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -3.1085  -1.4291  0.0062  -0.0009  -0.0000  0.0467  -0.0001  -0.0008 | 0.1484  0.0082  0.0027  -0.0280  -0.0001  0.0203  -0.0035  -0.0014 |
| 9.425 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0253  -0.0026  -0.0010  -0.0255  0.0001  -0.0078  -0.0032  0.0010 | -2.9557  -1.2120  -0.0036  0.0025  0.0000  -0.0273  0.0003  0.0001 | 0.0009  -0.0002  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -2.6123  -1.1561  -0.0042  -0.0068  0.0000  -0.0313  -0.0009  0.0004 | -0.2109  0.0231  0.0012  0.0337  -0.0001  0.0093  0.0042  -0.0013 |
| 9.425 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6776  -0.2180  -0.0137  -0.3166  0.0008  -0.1024  -0.0395  0.0131 | -2.7654  -1.1107  -0.0031  -0.0020  0.0000  -0.0234  -0.0002  0.0002 | 0.1577  -0.0452  -0.0006  -0.0003  0.0000  -0.0048  -0.0000  0.0001 | -1.5437  -0.6916  -0.0027  -0.0071  0.0000  -0.0203  -0.0009  0.0004 | -0.7353  0.0534  0.0008  0.0327  -0.0001  0.0057  0.0041  -0.0011 |
| 9.425 | 0.800 | 1  2  3  4  5  6  7  8 | -0.1612  -0.2555  -0.0024  -0.0548  0.0001  -0.0181  -0.0068  0.0021 | -2.3595  -0.9032  -0.0026  -0.0066  0.0000  -0.0194  -0.0008  0.0003 | 0.2652  -0.0706  -0.0010  -0.0019  0.0000  -0.0072  -0.0002  0.0002 | -0.9816  -0.4178  -0.0018  -0.0043  0.0000  -0.0138  -0.0005  0.0002 | -0.8799  -0.0167  -0.0005  0.0095  -0.0000  -0.0039  0.0012  -0.0001 |
| 9.425 | 1.050 | 1  2  3  4  5  6  7  8 | 0.6622  -0.1411  0.0004  -0.0119  0.0000  0.0027  -0.0015  0.0001 | -1.9077  -0.6664  -0.0023  -0.0055  0.0000  -0.0176  -0.0007  0.0003 | 0.3583  -0.1055  -0.0013  -0.0030  0.0000  -0.0099  -0.0004  0.0002 | -0.5189  -0.1902  -0.0009  -0.0018  0.0000  -0.0069  -0.0002  0.0001 | -0.9310  -0.0685  -0.0010  0.0049  0.0000  -0.0074  0.0006  0.0001 |
| 9.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0145  -0.0033  -0.0000  0.0000  0.0000  -0.0002  0.0000  0.0000 | -1.6714  -0.5357  -0.0021  -0.0042  0.0000  -0.0160  -0.0005  0.0003 | 0.0041  -0.0016  -0.0000  -0.0000  0.0000  -0.0001  -0.0000  0.0000 | 0.0345  0.0142  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -0.2882  -0.0264  -0.0003  0.0013  0.0000  -0.0026  0.0002  0.0000 |
| 9.425 | 4.301 | 1  2  3  4  5  6  7  8 | 0.4879  0.0359  -0.0000  -0.0081  -0.0000  -0.0000  -0.0010  -0.0001 | 1.5407  0.6022  -0.0033  0.0033  0.0000  -0.0247  0.0004  0.0005 | 0.2113  -0.1770  0.0026  -0.0013  -0.0000  0.0195  -0.0002  -0.0005 | 0.0113  0.0048  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | 0.6856  0.1445  0.0009  -0.0054  -0.0000  0.0069  -0.0007  -0.0003 |
| 9.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.4879  0.0359  -0.0000  -0.0081  -0.0000  -0.0000  -0.0010  -0.0001 | 1.8351  0.7447  -0.0035  0.0036  0.0000  -0.0264  0.0004  0.0005 | 0.2113  -0.1770  0.0026  -0.0013  -0.0000  0.0195  -0.0002  -0.0005 | -0.5008  -0.2384  0.0015  -0.0016  -0.0000  0.0115  -0.0002  -0.0003 | 0.7510  0.1413  0.0011  -0.0063  -0.0000  0.0085  -0.0008  -0.0004 |
| 9.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.1563  -0.1436  0.0033  -0.0414  -0.0001  0.0245  -0.0052  -0.0018 | 2.3947  0.9933  -0.0037  0.0029  0.0000  -0.0274  0.0004  0.0005 | 0.1433  -0.1098  0.0017  -0.0001  -0.0000  0.0129  -0.0000  -0.0003 | -0.9793  -0.5144  0.0032  -0.0035  -0.0000  0.0237  -0.0004  -0.0005 | 0.6945  0.0880  0.0015  -0.0091  -0.0000  0.0116  -0.0011  -0.0005 |
| 9.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5210  -0.1609  0.0244  -0.2499  -0.0008  0.1830  -0.0312  -0.0131 | 2.8779  1.2221  -0.0037  -0.0032  0.0000  -0.0280  -0.0004  0.0003 | 0.0804  -0.0682  0.0010  0.0010  -0.0000  0.0074  0.0001  -0.0002 | -1.5946  -0.8264  0.0046  -0.0050  -0.0000  0.0346  -0.0006  -0.0008 | 0.5672  0.0191  0.0033  -0.0265  -0.0001  0.0250  -0.0033  -0.0014 |
| 9.425 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0212  0.0007  0.0021  -0.0202  -0.0001  0.0156  -0.0025  -0.0011 | 3.0960  1.3448  -0.0039  -0.0084  0.0000  -0.0294  -0.0011  0.0002 | 0.0007  -0.0004  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -2.7339  -1.3466  0.0063  -0.0022  -0.0001  0.0475  -0.0003  -0.0009 | 0.1628  -0.0006  0.0029  -0.0267  -0.0001  0.0218  -0.0033  -0.0014 |
| 9.675 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0277  -0.0030  -0.0012  -0.0250  0.0001  -0.0089  -0.0031  0.0010 | -2.6681  -1.0346  -0.0051  -0.0085  0.0000  -0.0382  -0.0011  0.0007 | -0.0003  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | -2.2710  -0.9663  -0.0045  -0.0123  0.0000  -0.0335  -0.0015  0.0007 | -0.2340  0.0291  0.0015  0.0341  -0.0001  0.0114  0.0043  -0.0014 |
| 9.675 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6865  -0.2062  -0.0151  -0.3095  0.0008  -0.1135  -0.0387  0.0131 | -2.3977  -0.9523  -0.0041  -0.0111  0.0000  -0.0309  -0.0014  0.0006 | 0.1191  -0.0390  -0.0009  -0.0014  0.0000  -0.0070  -0.0002  0.0002 | -1.3077  -0.5694  -0.0024  -0.0084  0.0000  -0.0183  -0.0011  0.0004 | -0.8102  0.0725  0.0012  0.0340  -0.0001  0.0087  0.0042  -0.0012 |
| 9.675 | 0.800 | 1  2  3  4  5  6  7  8 | -0.1006  -0.2699  -0.0028  -0.0567  0.0001  -0.0213  -0.0071  0.0022 | -1.9515  -0.7663  -0.0027  -0.0116  0.0000  -0.0206  -0.0015  0.0005 | 0.2159  -0.0634  -0.0013  -0.0031  0.0000  -0.0098  -0.0004  0.0003 | -0.8453  -0.3332  -0.0014  -0.0039  0.0000  -0.0107  -0.0005  0.0002 | -0.9513  0.0052  -0.0002  0.0105  -0.0000  -0.0018  0.0013  -0.0002 |
| 9.675 | 1.050 | 1  2  3  4  5  6  7  8 | 0.7169  -0.1952  -0.0003  -0.0163  0.0000  -0.0023  -0.0020  0.0003 | -1.6148  -0.5438  -0.0019  -0.0065  0.0000  -0.0141  -0.0008  0.0003 | 0.2821  -0.0902  -0.0016  -0.0036  0.0000  -0.0120  -0.0004  0.0003 | -0.4542  -0.1462  -0.0006  -0.0011  0.0000  -0.0046  -0.0001  0.0001 | -0.9795  -0.0410  -0.0007  0.0052  0.0000  -0.0053  0.0006  0.0001 |
| 9.675 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0158  -0.0033  -0.0000  -0.0000  0.0000  -0.0002  -0.0000  0.0000 | -1.4539  -0.4250  -0.0014  -0.0034  0.0000  -0.0107  -0.0004  0.0002 | 0.0032  -0.0013  -0.0000  -0.0000  0.0000  -0.0001  -0.0000  0.0000 | 0.0341  0.0144  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -0.2982  -0.0167  -0.0003  0.0013  0.0000  -0.0019  0.0002  0.0000 |
| 9.675 | 4.301 | 1  2  3  4  5  6  7  8 | 0.3866  -0.0472  0.0006  -0.0090  -0.0000  0.0047  -0.0011  -0.0001 | 1.3222  0.4796  -0.0033  0.0050  0.0000  -0.0248  0.0006  0.0006 | 0.1576  -0.1963  0.0030  -0.0017  -0.0000  0.0225  -0.0002  -0.0006 | 0.0113  0.0048  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | 0.7205  0.0828  0.0016  -0.0062  -0.0000  0.0119  -0.0008  -0.0005 |
| 9.675 | 4.550 | 1  2  3  4  5  6  7  8 | 0.3866  -0.0472  0.0006  -0.0090  -0.0000  0.0047  -0.0011  -0.0001 | 1.5806  0.6155  -0.0037  0.0056  0.0000  -0.0279  0.0007  0.0007 | 0.1576  -0.1963  0.0030  -0.0017  -0.0000  0.0225  -0.0002  -0.0006 | -0.4260  -0.1934  0.0015  -0.0022  -0.0000  0.0114  -0.0003  -0.0003 | 0.7966  0.0807  0.0018  -0.0072  -0.0000  0.0139  -0.0009  -0.0005 |
| 9.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.2342  -0.1628  0.0032  -0.0396  -0.0001  0.0242  -0.0049  -0.0017 | 2.1037  0.8599  -0.0042  0.0052  0.0000  -0.0314  0.0006  0.0007 | 0.0997  -0.1271  0.0021  -0.0004  -0.0000  0.0156  -0.0000  -0.0004 | -0.8388  -0.4363  0.0033  -0.0049  -0.0000  0.0245  -0.0006  -0.0006 | 0.7428  0.0420  0.0022  -0.0101  -0.0000  0.0168  -0.0013  -0.0007 |
| 9.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.5940  -0.1788  0.0249  -0.2378  -0.0008  0.1867  -0.0297  -0.0127 | 2.6752  1.0590  -0.0046  -0.0026  0.0000  -0.0343  -0.0003  0.0005 | 0.0460  -0.0735  0.0012  0.0011  -0.0000  0.0091  0.0001  -0.0002 | -1.3885  -0.7220  0.0050  -0.0072  -0.0001  0.0374  -0.0009  -0.0010 | 0.6070  -0.0163  0.0040  -0.0271  -0.0001  0.0304  -0.0034  -0.0016 |
| 9.675 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0225  -0.0024  0.0022  -0.0194  -0.0001  0.0165  -0.0024  -0.0011 | 2.9820  1.1496  -0.0049  -0.0094  0.0000  -0.0367  -0.0012  0.0003 | -0.0003  -0.0002  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -2.4871  -1.1727  0.0071  -0.0043  -0.0001  0.0535  -0.0005  -0.0012 | 0.1737  -0.0114  0.0033  -0.0265  -0.0001  0.0244  -0.0033  -0.0015 |
| 9.925 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0269  -0.0053  -0.0013  -0.0243  0.0001  -0.0099  -0.0030  0.0010 | -1.7437  -1.0436  -0.0067  -0.0239  0.0001  -0.0502  -0.0030  0.0013 | 0.0004  -0.0004  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -1.7090  -0.8444  -0.0049  -0.0196  0.0001  -0.0371  -0.0025  0.0010 | -0.2510  0.0358  0.0018  0.0331  -0.0001  0.0132  0.0041  -0.0014 |
| 9.925 | 0.550 | 1  2  3  4  5  6  7  8 | -0.6203  -0.2372  -0.0173  -0.3055  0.0008  -0.1296  -0.0382  0.0132 | -1.6284  -0.8995  -0.0055  -0.0253  0.0001  -0.0414  -0.0032  0.0013 | 0.0947  -0.0418  -0.0012  -0.0021  0.0000  -0.0086  -0.0003  0.0003 | -1.0764  -0.4486  -0.0023  -0.0099  0.0000  -0.0171  -0.0012  0.0005 | -0.8670  0.0877  0.0016  0.0342  -0.0001  0.0117  0.0043  -0.0012 |
| 9.925 | 0.800 | 1  2  3  4  5  6  7  8 | 0.1176  -0.2885  -0.0042  -0.0653  0.0002  -0.0318  -0.0082  0.0026 | -1.4551  -0.6453  -0.0034  -0.0201  0.0001  -0.0252  -0.0025  0.0009 | 0.1579  -0.0507  -0.0016  -0.0038  0.0000  -0.0117  -0.0005  0.0004 | -0.7396  -0.2510  -0.0010  -0.0023  0.0000  -0.0073  -0.0003  0.0001 | -1.0028  0.0196  -0.0000  0.0108  -0.0000  -0.0000  0.0014  -0.0002 |
| 9.925 | 1.050 | 1  2  3  4  5  6  7  8 | 0.9737  -0.2191  -0.0016  -0.0260  0.0000  -0.0117  -0.0032  0.0006 | -1.3628  -0.4345  -0.0016  -0.0069  0.0000  -0.0119  -0.0009  0.0003 | 0.2023  -0.0624  -0.0017  -0.0032  0.0000  -0.0128  -0.0004  0.0004 | -0.4209  -0.1077  -0.0003  0.0005  -0.0000  -0.0022  0.0001  -0.0000 | -1.0096  -0.0248  -0.0006  0.0046  0.0000  -0.0043  0.0006  0.0001 |
| 9.925 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0141  -0.0030  -0.0000  -0.0001  0.0000  -0.0002  -0.0000  0.0000 | -1.3286  -0.3338  -0.0008  -0.0004  0.0000  -0.0059  -0.0000  0.0000 | 0.0021  -0.0008  -0.0000  -0.0000  0.0000  -0.0001  -0.0000  0.0000 | 0.0336  0.0145  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -0.3035  -0.0114  -0.0002  0.0010  0.0000  -0.0016  0.0001  0.0000 |
| 9.925 | 4.301 | 1  2  3  4  5  6  7  8 | 0.3608  -0.1045  0.0017  -0.0108  -0.0000  0.0128  -0.0014  -0.0003 | 1.1171  0.4021  -0.0036  0.0065  0.0000  -0.0269  0.0008  0.0007 | 0.1254  -0.1921  0.0033  -0.0020  -0.0000  0.0246  -0.0003  -0.0008 | 0.0113  0.0048  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | 0.7670  0.0304  0.0022  -0.0069  -0.0000  0.0162  -0.0009  -0.0006 |
| 9.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.3608  -0.1045  0.0017  -0.0108  -0.0000  0.0128  -0.0014  -0.0003 | 1.3360  0.5187  -0.0043  0.0078  0.0001  -0.0320  0.0010  0.0009 | 0.1254  -0.1921  0.0033  -0.0020  -0.0000  0.0246  -0.0003  -0.0008 | -0.3511  -0.1635  0.0016  -0.0027  -0.0000  0.0117  -0.0003  -0.0003 | 0.8453  0.0253  0.0025  -0.0080  -0.0000  0.0187  -0.0010  -0.0007 |
| 9.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.2932  -0.1756  0.0036  -0.0382  -0.0001  0.0267  -0.0048  -0.0017 | 1.8012  0.7352  -0.0052  0.0085  0.0001  -0.0391  0.0011  0.0010 | 0.0682  -0.1276  0.0024  -0.0008  -0.0000  0.0183  -0.0001  -0.0006 | -0.6947  -0.3736  0.0034  -0.0059  -0.0000  0.0258  -0.0007  -0.0007 | 0.7821  -0.0054  0.0029  -0.0110  -0.0001  0.0221  -0.0014  -0.0008 |
| 9.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.6581  -0.1767  0.0254  -0.2251  -0.0008  0.1902  -0.0281  -0.0124 | 2.2567  0.9377  -0.0056  0.0022  0.0001  -0.0423  0.0003  0.0009 | 0.0385  -0.0751  0.0014  0.0006  -0.0000  0.0109  0.0001  -0.0003 | -1.1804  -0.6253  0.0055  -0.0091  -0.0001  0.0416  -0.0011  -0.0012 | 0.6340  -0.0556  0.0048  -0.0268  -0.0001  0.0357  -0.0034  -0.0017 |
| 9.925 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0229  -0.0048  0.0023  -0.0185  -0.0001  0.0173  -0.0023  -0.0011 | 2.4658  1.0404  -0.0058  -0.0037  0.0000  -0.0434  -0.0005  0.0007 | 0.0006  -0.0003  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -2.0962  -1.0350  0.0081  -0.0083  -0.0001  0.0607  -0.0010  -0.0015 | 0.1798  -0.0237  0.0035  -0.0252  -0.0001  0.0263  -0.0031  -0.0015 |
| 10.175 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0274  -0.0100  -0.0014  -0.0233  0.0001  -0.0108  -0.0029  0.0010 | -0.8409  -0.8647  -0.0122  -0.0667  0.0002  -0.0911  -0.0083  0.0035 | -0.0002  -0.0002  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | -1.1503  -0.6471  -0.0065  -0.0343  0.0001  -0.0487  -0.0043  0.0018 | -0.2597  0.0414  0.0021  0.0335  -0.0001  0.0158  0.0042  -0.0014 |
| 10.175 | 0.550 | 1  2  3  4  5  6  7  8 | -0.3383  -0.3184  -0.0210  -0.3119  0.0009  -0.1573  -0.0390  0.0139 | -0.7864  -0.7322  -0.0096  -0.0588  0.0002  -0.0722  -0.0074  0.0030 | 0.0087  -0.0289  -0.0013  -0.0022  0.0000  -0.0098  -0.0003  0.0003 | -0.8339  -0.3227  -0.0019  -0.0095  0.0000  -0.0146  -0.0012  0.0004 | -0.8913  0.0956  0.0020  0.0349  -0.0001  0.0148  0.0044  -0.0014 |
| 10.175 | 0.800 | 1  2  3  4  5  6  7  8 | 0.6118  -0.3036  -0.0074  -0.0881  0.0002  -0.0554  -0.0110  0.0037 | -0.8322  -0.4993  -0.0049  -0.0349  0.0001  -0.0371  -0.0044  0.0016 | 0.0277  -0.0319  -0.0015  -0.0022  0.0000  -0.0115  -0.0003  0.0004 | -0.6524  -0.1720  -0.0003  0.0017  -0.0000  -0.0021  0.0002  -0.0001 | -1.0277  0.0250  0.0001  0.0102  -0.0000  0.0007  0.0013  -0.0002 |
| 10.175 | 1.050 | 1  2  3  4  5  6  7  8 | 1.5717  -0.2016  -0.0038  -0.0448  0.0001  -0.0281  -0.0056  0.0014 | -1.1129  -0.3217  -0.0014  -0.0066  0.0000  -0.0104  -0.0008  0.0002 | 0.0523  -0.0338  -0.0015  -0.0003  0.0000  -0.0116  -0.0000  0.0004 | -0.4206  -0.0713  0.0002  0.0036  -0.0000  0.0012  0.0005  -0.0002 | -1.0201  -0.0196  -0.0006  0.0029  0.0000  -0.0048  0.0004  0.0001 |
| 10.175 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0101  -0.0026  -0.0000  -0.0002  0.0000  -0.0003  -0.0000  0.0000 | -1.2933  -0.2443  0.0000  0.0057  -0.0000  0.0001  0.0007  -0.0003 | 0.0003  -0.0003  -0.0000  0.0000  0.0000  -0.0001  0.0000  0.0000 | 0.0332  0.0146  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -0.3032  -0.0101  -0.0002  0.0005  0.0000  -0.0018  0.0001  0.0001 |
| 10.175 | 4.301 | 1  2  3  4  5  6  7  8 | 0.3870  -0.1189  0.0036  -0.0144  -0.0000  0.0266  -0.0018  -0.0007 | 0.8338  0.3463  -0.0039  0.0081  0.0000  -0.0291  0.0010  0.0008 | 0.0776  -0.1784  0.0034  -0.0019  -0.0001  0.0255  -0.0002  -0.0009 | 0.0113  0.0048  0.0000  -0.0000  0.0000  0.0000  -0.0000  0.0000 | 0.8309  -0.0169  0.0025  -0.0073  -0.0000  0.0187  -0.0009  -0.0006 |
| 10.175 | 4.550 | 1  2  3  4  5  6  7  8 | 0.3870  -0.1189  0.0036  -0.0144  -0.0000  0.0266  -0.0018  -0.0007 | 1.0402  0.4393  -0.0050  0.0104  0.0001  -0.0378  0.0013  0.0010 | 0.0776  -0.1784  0.0034  -0.0019  -0.0001  0.0255  -0.0002  -0.0009 | -0.2513  -0.1421  0.0015  -0.0029  -0.0000  0.0112  -0.0004  -0.0003 | 0.8998  -0.0255  0.0029  -0.0086  -0.0000  0.0221  -0.0011  -0.0008 |
| 10.175 | 4.800 | 1  2  3  4  5  6  7  8 | -0.3557  -0.1568  0.0046  -0.0383  -0.0001  0.0348  -0.0048  -0.0019 | 1.5146  0.6091  -0.0070  0.0133  0.0001  -0.0525  0.0017  0.0015 | 0.0314  -0.1194  0.0028  -0.0012  -0.0000  0.0211  -0.0002  -0.0007 | -0.5222  -0.3233  0.0035  -0.0067  -0.0000  0.0261  -0.0008  -0.0007 | 0.8130  -0.0506  0.0036  -0.0118  -0.0001  0.0272  -0.0015  -0.0010 |
| 10.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7237  -0.1359  0.0263  -0.2141  -0.0008  0.1972  -0.0267  -0.0122 | 2.0910  0.7378  -0.0086  0.0087  0.0001  -0.0644  0.0011  0.0018 | 0.0092  -0.0666  0.0018  0.0002  -0.0000  0.0136  0.0000  -0.0005 | -0.9477  -0.5363  0.0061  -0.0113  -0.0001  0.0460  -0.0014  -0.0014 | 0.6505  -0.0939  0.0057  -0.0275  -0.0001  0.0425  -0.0034  -0.0020 |
| 10.175 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0229  -0.0060  0.0024  -0.0177  -0.0001  0.0181  -0.0022  -0.0011 | 2.3994  0.7896  -0.0094  0.0035  0.0001  -0.0702  0.0004  0.0018 | -0.0004  0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -1.8395  -0.8519  0.0101  -0.0133  -0.0001  0.0753  -0.0017  -0.0022 | 0.1834  -0.0350  0.0039  -0.0249  -0.0001  0.0294  -0.0031  -0.0016 |
| 10.425 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0231  -0.0103  -0.0015  -0.0221  0.0001  -0.0115  -0.0028  0.0010 | 0.4115  -0.6772  -0.0234  -0.1584  0.0005  -0.1752  -0.0198  0.0086 | -0.0003  0.0003  0.0000  0.0001  -0.0000  0.0000  0.0000  -0.0000 | -0.4953  -0.4440  -0.0092  -0.0583  0.0002  -0.0690  -0.0073  0.0031 | -0.2445  0.0451  0.0023  0.0322  -0.0001  0.0173  0.0040  -0.0014 |
| 10.425 | 0.550 | 1  2  3  4  5  6  7  8 | 0.0981  -0.3681  -0.0281  -0.3483  0.0010  -0.2110  -0.0435  0.0161 | 0.3726  -0.5647  -0.0187  -0.1299  0.0004  -0.1404  -0.0162  0.0069 | -0.1719  -0.0070  -0.0008  0.0022  0.0000  -0.0060  0.0003  0.0002 | -0.5869  -0.1965  -0.0013  -0.0051  0.0000  -0.0095  -0.0006  0.0002 | -0.8407  0.0966  0.0017  0.0302  -0.0001  0.0131  0.0038  -0.0012 |
| 10.425 | 0.800 | 1  2  3  4  5  6  7  8 | 1.4070  -0.3049  -0.0133  -0.1337  0.0004  -0.0997  -0.0167  0.0060 | 0.0906  -0.3558  -0.0104  -0.0718  0.0002  -0.0776  -0.0090  0.0038 | -0.2776  -0.0136  -0.0006  0.0072  0.0000  -0.0043  0.0009  0.0001 | -0.5633  -0.0926  0.0006  0.0080  -0.0000  0.0048  0.0010  -0.0005 | -0.9988  0.0257  -0.0003  0.0056  -0.0000  -0.0024  0.0007  -0.0000 |
| 10.425 | 1.050 | 1  2  3  4  5  6  7  8 | 2.8087  -0.1449  -0.0086  -0.0827  0.0002  -0.0647  -0.0103  0.0033 | -0.7571  -0.1979  -0.0031  -0.0166  0.0001  -0.0234  -0.0021  0.0009 | -0.2901  -0.0200  -0.0008  0.0087  0.0000  -0.0062  0.0011  0.0002 | -0.4620  -0.0317  0.0008  0.0078  -0.0000  0.0061  0.0010  -0.0004 | -1.0106  -0.0208  -0.0011  -0.0007  0.0000  -0.0080  -0.0001  0.0003 |
| 10.425 | 1.300 | 1  2  3  4  5  6  7  8 | -0.0063  -0.0016  -0.0001  -0.0002  0.0000  -0.0004  -0.0000  0.0000 | -1.3618  -0.1364  0.0004  0.0090  -0.0000  0.0027  0.0011  -0.0005 | -0.0025  -0.0000  -0.0000  0.0001  0.0000  -0.0001  0.0000  0.0000 | 0.0336  0.0147  0.0000  -0.0000  -0.0000  0.0000  -0.0000  -0.0000 | -0.3040  -0.0119  -0.0003  0.0003  0.0000  -0.0020  0.0000  0.0001 |
| 10.425 | 4.301 | 1  2  3  4  5  6  7  8 | 0.3103  -0.0700  0.0069  -0.0209  -0.0001  0.0515  -0.0026  -0.0017 | 0.3207  0.3166  -0.0037  0.0088  0.0000  -0.0276  0.0011  0.0005 | -0.0175  -0.1647  0.0033  -0.0013  -0.0001  0.0247  -0.0002  -0.0010 | 0.0113  0.0048  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.9040  -0.0654  0.0023  -0.0065  -0.0000  0.0172  -0.0008  -0.0005 |
| 10.425 | 4.550 | 1  2  3  4  5  6  7  8 | 0.3103  -0.0700  0.0069  -0.0209  -0.0001  0.0515  -0.0026  -0.0017 | 0.6426  0.3700  -0.0059  0.0131  0.0001  -0.0439  0.0016  0.0012 | -0.0175  -0.1647  0.0033  -0.0013  -0.0001  0.0247  -0.0002  -0.0010 | -0.0892  -0.1304  0.0011  -0.0025  -0.0000  0.0083  -0.0003  -0.0001 | 0.9430  -0.0737  0.0029  -0.0081  -0.0000  0.0221  -0.0010  -0.0008 |
| 10.425 | 4.800 | 1  2  3  4  5  6  7  8 | -0.4561  -0.1057  0.0072  -0.0414  -0.0002  0.0540  -0.0052  -0.0026 | 1.2487  0.4910  -0.0098  0.0199  0.0001  -0.0733  0.0025  0.0024 | -0.0015  -0.1157  0.0032  -0.0015  -0.0001  0.0236  -0.0002  -0.0009 | -0.3245  -0.2794  0.0032  -0.0066  -0.0000  0.0236  -0.0008  -0.0006 | 0.8225  -0.0911  0.0042  -0.0123  -0.0001  0.0311  -0.0015  -0.0012 |
| 10.425 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7937  -0.1026  0.0279  -0.2034  -0.0008  0.2089  -0.0254  -0.0123 | 1.7465  0.6688  -0.0123  0.0169  0.0002  -0.0923  0.0021  0.0029 | 0.0134  -0.0757  0.0021  0.0001  -0.0000  0.0155  0.0000  -0.0006 | -0.7157  -0.4538  0.0067  -0.0133  -0.0001  0.0505  -0.0017  -0.0016 | 0.6550  -0.1300  0.0065  -0.0273  -0.0001  0.0488  -0.0034  -0.0022 |
| 10.425 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0211  -0.0083  0.0025  -0.0167  -0.0001  0.0188  -0.0021  -0.0011 | 1.9600  0.7790  -0.0131  0.0113  0.0002  -0.0980  0.0014  0.0029 | 0.0003  -0.0005  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -1.4530  -0.7623  0.0121  -0.0184  -0.0002  0.0908  -0.0023  -0.0028 | 0.1838  -0.0470  0.0042  -0.0236  -0.0001  0.0317  -0.0030  -0.0016 |
| 10.675 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0238  -0.0141  -0.0017  -0.0204  0.0001  -0.0127  -0.0025  0.0010 | 1.8151  -0.9572  -0.0531  -0.3825  0.0014  -0.3984  -0.0478  0.0216 | 0.0007  -0.0009  -0.0001  -0.0004  0.0000  -0.0004  -0.0001  0.0000 | 0.1464  -0.3784  -0.0149  -0.1041  0.0004  -0.1116  -0.0130  0.0058 | -0.1874  0.0457  0.0024  0.0303  -0.0001  0.0179  0.0038  -0.0014 |
| 10.675 | 0.550 | 1  2  3  4  5  6  7  8 | 0.5613  -0.5144  -0.0382  -0.4297  0.0013  -0.2865  -0.0537  0.0203 | 1.8259  -0.7353  -0.0477  -0.3295  0.0012  -0.3577  -0.0412  0.0191 | -0.4866  0.0218  0.0015  0.0215  -0.0000  0.0112  0.0027  -0.0007 | -0.3246  -0.0692  0.0001  0.0052  -0.0000  0.0005  0.0007  -0.0003 | -0.6175  0.0716  -0.0012  0.0072  0.0000  -0.0087  0.0009  0.0000 |
| 10.675 | 0.800 | 1  2  3  4  5  6  7  8 | 2.1996  -0.3505  -0.0204  -0.1982  0.0006  -0.1529  -0.0248  0.0092 | 1.7221  -0.3762  -0.0389  -0.2416  0.0009  -0.2918  -0.0302  0.0149 | -0.8762  0.0058  0.0026  0.0346  -0.0001  0.0193  0.0043  -0.0011 | -0.3858  -0.0139  0.0011  0.0113  -0.0000  0.0086  0.0014  -0.0007 | -0.8148  0.0186  -0.0030  -0.0134  0.0001  -0.0221  -0.0017  0.0010 |
| 10.675 | 1.050 | 1  2  3  4  5  6  7  8 | 5.2288  -0.1557  -0.0269  -0.1908  0.0007  -0.2020  -0.0238  0.0105 | 0.2271  -0.1016  -0.0207  -0.1242  0.0005  -0.1555  -0.0155  0.0075 | -1.1642  -0.0402  0.0015  0.0343  -0.0000  0.0115  0.0043  -0.0006 | -0.4912  0.0245  0.0018  0.0100  -0.0001  0.0132  0.0013  -0.0009 | -0.9586  -0.0189  -0.0031  -0.0135  0.0001  -0.0232  -0.0017  0.0011 |
| 10.675 | 1.300 | 1  2  3  4  5  6  7  8 | 0.0586  -0.0001  -0.0002  -0.0006  0.0000  -0.0017  -0.0001  0.0001 | -1.1533  0.0358  -0.0059  -0.0417  0.0001  -0.0444  -0.0052  0.0016 | -0.0117  -0.0009  0.0000  0.0005  -0.0000  0.0002  0.0001  -0.0000 | 0.0206  0.0141  0.0001  0.0006  -0.0000  0.0005  0.0001  -0.0000 | -0.3496  -0.0148  -0.0002  0.0023  0.0000  -0.0012  0.0003  0.0001 |
| 10.675 | 4.301 | 1  2  3  4  5  6  7  8 | -0.3864  0.1302  0.0141  -0.0353  -0.0003  0.1054  -0.0044  -0.0042 | -0.6712  0.3661  -0.0011  0.0042  -0.0000  -0.0084  0.0005  -0.0008 | -0.1151  -0.1598  0.0030  -0.0005  -0.0001  0.0226  -0.0001  -0.0011 | 0.0193  0.0034  -0.0000  0.0000  0.0000  -0.0002  0.0000  0.0000 | 0.9138  -0.1245  0.0009  -0.0027  -0.0000  0.0065  -0.0003  -0.0002 |
| 10.675 | 4.550 | 1  2  3  4  5  6  7  8 | -0.3864  0.1302  0.0141  -0.0353  -0.0003  0.1054  -0.0044  -0.0042 | 0.1552  0.3077  -0.0061  0.0143  0.0001  -0.0460  0.0018  0.0010 | -0.1151  -0.1598  0.0030  -0.0005  -0.0001  0.0226  -0.0001  -0.0011 | 0.2002  -0.1453  -0.0003  0.0002  0.0000  -0.0022  0.0000  0.0004 | 0.9151  -0.1208  0.0021  -0.0060  -0.0000  0.0160  -0.0007  -0.0006 |
| 10.675 | 4.800 | 1  2  3  4  5  6  7  8 | -0.4867  -0.0371  0.0125  -0.0501  -0.0003  0.0936  -0.0063  -0.0042 | 1.1798  0.3085  -0.0147  0.0305  0.0002  -0.1101  0.0038  0.0039 | -0.0009  -0.1228  0.0033  -0.0014  -0.0001  0.0247  -0.0002  -0.0010 | -0.1223  -0.2457  0.0019  -0.0045  -0.0000  0.0142  -0.0006  -0.0002 | 0.7947  -0.1271  0.0045  -0.0125  -0.0001  0.0334  -0.0016  -0.0013 |
| 10.675 | 5.050 | 1  2  3  4  5  6  7  8 | -0.7185  -0.1060  0.0307  -0.1936  -0.0008  0.2303  -0.0242  -0.0126 | 1.5412  0.4564  -0.0203  0.0323  0.0003  -0.1522  0.0040  0.0053 | 0.0186  -0.0784  0.0023  0.0003  -0.0000  0.0173  0.0000  -0.0006 | -0.4928  -0.3728  0.0070  -0.0147  -0.0001  0.0522  -0.0018  -0.0017 | 0.6499  -0.1651  0.0075  -0.0281  -0.0002  0.0563  -0.0035  -0.0025 |
| 10.675 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0214  -0.0125  0.0025  -0.0155  -0.0001  0.0191  -0.0019  -0.0010 | 1.7045  0.5449  -0.0224  0.0280  0.0004  -0.1679  0.0035  0.0056 | -0.0001  -0.0002  0.0000  0.0000  0.0000  0.0000  0.0000  0.0000 | -1.1340  -0.5950  0.0158  -0.0261  -0.0003  0.1186  -0.0033  -0.0040 | 0.1850  -0.0595  0.0047  -0.0232  -0.0001  0.0351  -0.0029  -0.0017 |
| 10.800 | 1.550 | 1  2  3  4  5  6  7  8 | 6.9246  0.3032  -0.0027  -0.0419  0.0001  -0.0203  -0.0052  0.0009 | -5.9331  0.4238  -0.0379  -0.1381  0.0007  -0.2839  -0.0172  0.0113 | 0.0042  0.0024  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | 0.2944  0.1258  -0.0073  -0.0247  0.0001  -0.0547  -0.0031  0.0017 | 0.3670  0.1237  -0.0020  -0.0080  0.0000  -0.0151  -0.0010  0.0003 |
| 10.800 | 1.800 | 1  2  3  4  5  6  7  8 | 1.8944  0.0909  0.0037  0.0073  -0.0001  0.0281  0.0009  -0.0010 | -1.4212  0.3861  -0.0175  -0.0623  0.0003  -0.1309  -0.0078  0.0047 | 0.0055  0.0024  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | 0.2630  0.0149  -0.0012  0.0005  0.0000  -0.0089  0.0001  0.0001 | -0.0477  0.0840  -0.0003  0.0000  -0.0000  -0.0023  0.0000  -0.0001 |
| 10.800 | 2.050 | 1  2  3  4  5  6  7  8 | 1.0939  0.1541  0.0009  0.0004  -0.0000  0.0064  0.0000  -0.0002 | -0.5205  0.3195  -0.0081  -0.0262  0.0001  -0.0611  -0.0033  0.0020 | 0.0056  0.0024  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | 0.2201  -0.0385  0.0003  0.0069  -0.0000  0.0020  0.0009  -0.0002 | -0.2146  0.0841  -0.0008  -0.0006  0.0000  -0.0059  -0.0001  0.0000 |
| 10.800 | 2.300 | 1  2  3  4  5  6  7  8 | 1.0529  0.2139  -0.0004  -0.0042  0.0000  -0.0027  -0.0005  0.0001 | -0.2640  0.2711  -0.0043  -0.0115  0.0001  -0.0320  -0.0014  0.0009 | 0.0057  0.0024  -0.0000  -0.0000  0.0000  -0.0000  -0.0000  0.0000 | 0.2099  -0.0778  0.0005  0.0084  -0.0000  0.0036  0.0010  -0.0003 | -0.2422  0.0847  -0.0012  -0.0013  0.0000  -0.0093  -0.0002  0.0002 |
| 10.800 | 2.550 | 1  2  3  4  5  6  7  8 | 1.1059  0.2535  -0.0004  -0.0054  0.0000  -0.0027  -0.0007  0.0001 | -0.1539  0.2166  -0.0025  -0.0057  0.0000  -0.0186  -0.0007  0.0004 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.1978  -0.1096  0.0003  0.0086  -0.0000  0.0023  0.0011  -0.0002 | -0.2207  0.0788  -0.0015  -0.0009  0.0000  -0.0114  -0.0001  0.0002 |
| 10.800 | 2.800 | 1  2  3  4  5  6  7  8 | 1.1596  0.2788  0.0001  -0.0056  0.0000  0.0008  -0.0007  0.0000 | -0.1197  0.1524  -0.0014  -0.0039  0.0000  -0.0103  -0.0005  0.0001 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.1850  -0.1316  -0.0001  0.0087  -0.0000  -0.0004  0.0011  -0.0000 | -0.1840  0.0665  -0.0018  0.0003  0.0000  -0.0132  0.0000  0.0003 |
| 10.800 | 3.050 | 1  2  3  4  5  6  7  8 | 1.2019  0.2951  0.0008  -0.0061  -0.0000  0.0064  -0.0008  -0.0002 | -0.1441  0.0922  -0.0004  -0.0038  -0.0000  -0.0032  -0.0005  -0.0002 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.1819  -0.1429  -0.0006  0.0092  0.0000  -0.0046  0.0011  0.0001 | -0.1425  0.0479  -0.0021  0.0019  0.0000  -0.0157  0.0002  0.0004 |
| 10.800 | 3.300 | 1  2  3  4  5  6  7  8 | 1.2390  0.3033  0.0018  -0.0074  -0.0000  0.0136  -0.0009  -0.0005 | -0.2238  0.0451  0.0005  -0.0041  -0.0000  0.0038  -0.0005  -0.0006 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.2012  -0.1480  -0.0014  0.0101  0.0000  -0.0106  0.0013  0.0004 | -0.0983  0.0238  -0.0026  0.0038  0.0000  -0.0195  0.0005  0.0005 |
| 10.800 | 3.550 | 1  2  3  4  5  6  7  8 | 1.2828  0.3126  0.0032  -0.0100  -0.0001  0.0238  -0.0013  -0.0008 | -0.3628  0.0135  0.0011  -0.0035  -0.0001  0.0084  -0.0004  -0.0008 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.2604  -0.1498  -0.0025  0.0117  0.0001  -0.0191  0.0015  0.0008 | -0.0513  -0.0045  -0.0032  0.0058  0.0000  -0.0242  0.0007  0.0007 |
| 10.800 | 3.800 | 1  2  3  4  5  6  7  8 | 1.4241  0.3361  0.0051  -0.0151  -0.0001  0.0385  -0.0019  -0.0012 | -0.5268  0.0113  0.0007  -0.0005  -0.0000  0.0056  -0.0001  -0.0008 | 0.0057  0.0024  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | 0.3905  -0.1518  -0.0039  0.0133  0.0001  -0.0294  0.0017  0.0013 | -0.0057  -0.0350  -0.0037  0.0074  0.0001  -0.0277  0.0009  0.0008 |
| 10.800 | 4.050 | 1  2  3  4  5  6  7  8 | 2.0522  0.3912  0.0080  -0.0257  -0.0001  0.0601  -0.0032  -0.0016 | -0.4205  0.0978  -0.0011  0.0031  -0.0000  -0.0086  0.0004  -0.0000 | 0.0057  0.0023  -0.0000  0.0000  -0.0000  -0.0000  0.0000  -0.0000 | 0.6309  -0.1647  -0.0053  0.0142  0.0001  -0.0400  0.0018  0.0018 | 0.0324  -0.0587  -0.0033  0.0070  0.0000  -0.0244  0.0009  0.0007 |
| 10.800 | 4.300 | 1  2  3  4  5  6  7  8 | 5.3480  -0.8815  -0.0045  0.0120  0.0001  -0.0338  0.0015  0.0018 | 1.6635  -0.2173  -0.0116  0.0253  0.0002  -0.0868  0.0032  0.0035 | 0.1121  -0.2858  -0.0017  0.0097  0.0000  -0.0128  0.0012  0.0001 | 1.0612  -0.2747  -0.0072  0.0167  0.0002  -0.0540  0.0021  0.0025 | -0.1891  0.0150  0.0002  -0.0009  -0.0000  0.0013  -0.0001  -0.0004 |
| 10.850 | 0.300 | 1  2  3  4  5  6  7  8 | 0.0269  -0.0194  -0.0018  -0.0194  0.0001  -0.0136  -0.0024  0.0010 | 1.8151  -0.9572  -0.0531  -0.3825  0.0014  -0.3984  -0.0478  0.0216 | -0.0040  0.0029  0.0002  0.0023  -0.0000  0.0017  0.0003  -0.0001 | 0.1464  -0.3784  -0.0149  -0.1041  0.0004  -0.1116  -0.0130  0.0058 | -0.0018  0.0019  -0.0001  -0.0004  0.0000  -0.0004  -0.0000  0.0000 |
| 10.850 | 0.550 | 1  2  3  4  5  6  7  8 | 0.7595  -0.6459  -0.0436  -0.4826  0.0014  -0.3272  -0.0603  0.0228 | 1.8259  -0.7353  -0.0477  -0.3295  0.0012  -0.3577  -0.0412  0.0191 | -0.8242  0.1836  0.0115  0.1287  -0.0004  0.0862  0.0161  -0.0057 | -0.3246  -0.0692  0.0001  0.0052  -0.0000  0.0005  0.0007  -0.0003 | -0.3585  -0.0075  -0.0114  -0.0733  0.0003  -0.0856  -0.0092  0.0046 |
| 10.850 | 0.800 | 1  2  3  4  5  6  7  8 | 2.5232  -0.3973  -0.0238  -0.2332  0.0007  -0.1781  -0.0291  0.0108 | 1.7221  -0.3762  -0.0389  -0.2416  0.0009  -0.2918  -0.0302  0.0149 | -1.7200  0.0982  0.0093  0.0993  -0.0003  0.0698  0.0124  -0.0041 | -0.3858  -0.0139  0.0011  0.0113  -0.0000  0.0086  0.0014  -0.0007 | -0.5784  -0.0284  -0.0111  -0.0666  0.0003  -0.0830  -0.0083  0.0042 |
| 10.850 | 1.050 | 1  2  3  4  5  6  7  8 | 6.8182  -0.2027  -0.0418  -0.2732  0.0010  -0.3131  -0.0341  0.0163 | 0.2271  -0.1016  -0.0207  -0.1242  0.0005  -0.1555  -0.0155  0.0075 | -3.2499  -0.0091  0.0137  0.1173  -0.0003  0.1031  0.0147  -0.0053 | -0.4912  0.0245  0.0018  0.0100  -0.0001  0.0132  0.0013  -0.0009 | -0.8199  -0.0215  -0.0099  -0.0574  0.0002  -0.0740  -0.0072  0.0036 |
| 10.850 | 1.300 | 1  2  3  4  5  6  7  8 | 0.1220  0.0008  -0.0004  -0.0010  0.0000  -0.0031  -0.0001  0.0002 | -1.1533  0.0358  -0.0059  -0.0417  0.0001  -0.0444  -0.0052  0.0016 | -0.0564  -0.0021  0.0002  0.0012  -0.0000  0.0013  0.0002  -0.0001 | 0.0206  0.0141  0.0001  0.0006  -0.0000  0.0005  0.0001  -0.0000 | -0.0097  0.0001  -0.0001  -0.0005  0.0000  -0.0007  -0.0001  0.0000 |
| 10.925 | 1.350 | 1  2  3  4  5  6  7  8 | 3.3206  0.3793  -0.0165  -0.0921  0.0003  -0.1236  -0.0115  0.0055 | -9.7235  0.4193  -0.0517  -0.1883  0.0010  -0.3873  -0.0235  0.0159 | -1.1862  -0.0124  -0.0026  -0.0065  0.0001  -0.0195  -0.0008  0.0009 | -2.4553  0.2802  -0.0248  -0.0905  0.0004  -0.1860  -0.0113  0.0071 | -1.0214  -0.0231  0.0076  0.0390  -0.0002  0.0569  0.0049  -0.0028 |
| 10.925 | 1.550 | 1  2  3  4  5  6  7  8 | 3.3206  0.3793  -0.0165  -0.0921  0.0003  -0.1236  -0.0115  0.0055 | -5.9331  0.4238  -0.0379  -0.1381  0.0007  -0.2839  -0.0172  0.0113 | -1.1862  -0.0124  -0.0026  -0.0065  0.0001  -0.0195  -0.0008  0.0009 | 0.2944  0.1258  -0.0073  -0.0247  0.0001  -0.0547  -0.0031  0.0017 | -0.3489  0.0679  0.0016  0.0098  -0.0001  0.0116  0.0012  -0.0008 |
| 10.925 | 1.800 | 1  2  3  4  5  6  7  8 | 1.3706  0.2185  -0.0029  -0.0182  0.0001  -0.0216  -0.0023  0.0010 | -1.4212  0.3861  -0.0175  -0.0623  0.0003  -0.1309  -0.0078  0.0047 | -0.4269  -0.0061  -0.0017  -0.0050  0.0000  -0.0126  -0.0006  0.0005 | 0.2630  0.0149  -0.0012  0.0005  0.0000  -0.0089  0.0001  0.0001 | -0.2490  0.0970  -0.0003  0.0013  -0.0000  -0.0023  0.0002  -0.0002 |
| 10.925 | 2.050 | 1  2  3  4  5  6  7  8 | 1.1125  0.2640  -0.0018  -0.0101  0.0000  -0.0139  -0.0013  0.0006 | -0.5205  0.3195  -0.0081  -0.0262  0.0001  -0.0611  -0.0033  0.0020 | -0.2529  -0.0290  -0.0006  -0.0011  0.0000  -0.0044  -0.0001  0.0002 | 0.2201  -0.0385  0.0003  0.0069  -0.0000  0.0020  0.0009  -0.0002 | -0.2942  0.1066  -0.0012  -0.0013  0.0000  -0.0087  -0.0002  0.0001 |
| 10.925 | 2.300 | 1  2  3  4  5  6  7  8 | 1.1733  0.3233  -0.0015  -0.0085  0.0000  -0.0115  -0.0011  0.0005 | -0.2640  0.2711  -0.0043  -0.0115  0.0001  -0.0320  -0.0014  0.0009 | -0.2217  -0.0476  -0.0001  0.0010  0.0000  -0.0008  0.0001  0.0000 | 0.2099  -0.0778  0.0005  0.0084  -0.0000  0.0036  0.0010  -0.0003 | -0.2960  0.1065  -0.0016  -0.0019  0.0000  -0.0122  -0.0002  0.0002 |
| 10.925 | 2.550 | 1  2  3  4  5  6  7  8 | 1.2708  0.3696  -0.0010  -0.0069  0.0000  -0.0074  -0.0009  0.0003 | -0.1539  0.2166  -0.0025  -0.0057  0.0000  -0.0186  -0.0007  0.0004 | -0.2215  -0.0608  -0.0000  0.0018  -0.0000  -0.0004  0.0002  -0.0000 | 0.1978  -0.1096  0.0003  0.0086  -0.0000  0.0023  0.0011  -0.0002 | -0.2648  0.0981  -0.0019  -0.0012  0.0000  -0.0141  -0.0002  0.0003 |
| 10.925 | 2.800 | 1  2  3  4  5  6  7  8 | 1.3558  0.3978  -0.0004  -0.0059  0.0000  -0.0027  -0.0007  0.0002 | -0.1197  0.1524  -0.0014  -0.0039  0.0000  -0.0103  -0.0005  0.0001 | -0.2294  -0.0704  -0.0002  0.0022  0.0000  -0.0015  0.0003  0.0000 | 0.1850  -0.1316  -0.0001  0.0087  -0.0000  -0.0004  0.0011  -0.0000 | -0.2199  0.0824  -0.0021  0.0003  0.0000  -0.0160  0.0000  0.0003 |
| 10.925 | 3.050 | 1  2  3  4  5  6  7  8 | 1.4255  0.4072  0.0004  -0.0058  -0.0000  0.0028  -0.0007  -0.0000 | -0.1441  0.0922  -0.0004  -0.0038  -0.0000  -0.0032  -0.0005  -0.0002 | -0.2367  -0.0783  -0.0005  0.0025  0.0000  -0.0035  0.0003  0.0001 | 0.1819  -0.1429  -0.0006  0.0092  0.0000  -0.0046  0.0011  0.0001 | -0.1700  0.0592  -0.0025  0.0022  0.0000  -0.0189  0.0003  0.0004 |
| 10.925 | 3.300 | 1  2  3  4  5  6  7  8 | 1.4904  0.4093  0.0014  -0.0073  -0.0000  0.0102  -0.0009  -0.0003 | -0.2238  0.0451  0.0005  -0.0041  -0.0000  0.0038  -0.0005  -0.0006 | -0.2427  -0.0829  -0.0008  0.0029  0.0000  -0.0059  0.0004  0.0002 | 0.2012  -0.1480  -0.0014  0.0101  0.0000  -0.0106  0.0013  0.0004 | -0.1164  0.0296  -0.0031  0.0045  0.0000  -0.0233  0.0006  0.0006 |
| 10.925 | 3.550 | 1  2  3  4  5  6  7  8 | 1.5657  0.4092  0.0030  -0.0108  -0.0000  0.0226  -0.0013  -0.0007 | -0.3628  0.0135  0.0011  -0.0035  -0.0001  0.0084  -0.0004  -0.0008 | -0.2472  -0.0870  -0.0011  0.0034  0.0000  -0.0084  0.0004  0.0003 | 0.2604  -0.1498  -0.0025  0.0117  0.0001  -0.0191  0.0015  0.0008 | -0.0558  -0.0043  -0.0038  0.0068  0.0001  -0.0288  0.0009  0.0008 |
| 10.925 | 3.800 | 1  2  3  4  5  6  7  8 | 1.7006  0.4126  0.0057  -0.0173  -0.0001  0.0426  -0.0022  -0.0014 | -0.5268  0.0113  0.0007  -0.0005  -0.0000  0.0056  -0.0001  -0.0008 | -0.2680  -0.0928  -0.0013  0.0039  0.0000  -0.0099  0.0005  0.0003 | 0.3905  -0.1518  -0.0039  0.0133  0.0001  -0.0294  0.0017  0.0013 | 0.0181  -0.0402  -0.0044  0.0086  0.0001  -0.0331  0.0011  0.0010 |
| 10.925 | 4.050 | 1  2  3  4  5  6  7  8 | 2.0647  0.3991  0.0094  -0.0272  -0.0001  0.0702  -0.0034  -0.0022 | -0.4205  0.0978  -0.0011  0.0031  -0.0000  -0.0086  0.0004  -0.0000 | -0.3635  -0.1064  -0.0012  0.0046  0.0000  -0.0091  0.0006  0.0002 | 0.6309  -0.1647  -0.0053  0.0142  0.0001  -0.0400  0.0018  0.0018 | 0.1320  -0.0742  -0.0041  0.0081  0.0001  -0.0306  0.0010  0.0009 |
| 10.925 | 4.300 | 1  2  3  4  5  6  7  8 | 3.6469  -0.4034  0.0046  -0.0087  -0.0001  0.0343  -0.0011  -0.0011 | 1.6635  -0.2173  -0.0116  0.0253  0.0002  -0.0868  0.0032  0.0035 | -0.7356  -0.1284  0.0004  0.0042  -0.0000  0.0029  0.0005  -0.0005 | 1.0612  -0.2747  -0.0072  0.0167  0.0002  -0.0540  0.0021  0.0025 | 0.3609  -0.0953  -0.0020  0.0032  0.0000  -0.0149  0.0004  0.0003 |
| 10.925 | 4.550 | 1  2  3  4  5  6  7  8 | 0.2578  0.1342  0.0191  -0.0448  -0.0004  0.1435  -0.0056  -0.0058 | 2.5434  -0.3601  -0.0207  0.0454  0.0004  -0.1552  0.0057  0.0062 | 0.0291  -0.2141  0.0017  0.0025  -0.0000  0.0126  0.0003  -0.0006 | 0.4179  -0.1960  -0.0046  0.0096  0.0001  -0.0346  0.0012  0.0017 | 0.8689  -0.1645  0.0007  -0.0030  -0.0000  0.0049  -0.0004  -0.0003 |
| 10.925 | 4.800 | 1  2  3  4  5  6  7  8 | -0.0139  -0.0404  0.0203  -0.0639  -0.0004  0.1525  -0.0080  -0.0065 | 1.3052  0.0291  -0.0251  0.0524  0.0005  -0.1882  0.0066  0.0072 | 0.0022  -0.1461  0.0027  0.0005  -0.0001  0.0201  0.0001  -0.0008 | -0.0258  -0.2047  -0.0006  0.0005  0.0000  -0.0048  0.0001  0.0005 | 0.7716  -0.1689  0.0043  -0.0118  -0.0001  0.0322  -0.0015  -0.0014 |
| 10.925 | 5.050 | 1  2  3  4  5  6  7  8 | -0.4659  -0.1292  0.0371  -0.1905  -0.0009  0.2780  -0.0238  -0.0140 | 1.1220  0.2986  -0.0337  0.0614  0.0006  -0.2527  0.0077  0.0095 | 0.0062  -0.0873  0.0020  0.0014  -0.0000  0.0147  0.0002  -0.0005 | -0.3116  -0.2902  0.0065  -0.0141  -0.0001  0.0487  -0.0018  -0.0016 | 0.6435  -0.2057  0.0081  -0.0275  -0.0002  0.0610  -0.0034  -0.0027 |
| 10.925 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0210  -0.0158  0.0025  -0.0141  -0.0001  0.0189  -0.0018  -0.0010 | 1.1581  0.4287  -0.0380  0.0627  0.0007  -0.2847  0.0078  0.0105 | 0.0002  -0.0003  -0.0000  0.0000  0.0000  -0.0000  0.0000  0.0000 | -0.7520  -0.4713  0.0209  -0.0377  -0.0004  0.1563  -0.0047  -0.0057 | 0.1851  -0.0742  0.0050  -0.0217  -0.0001  0.0372  -0.0027  -0.0018 |
| 11.175 | 1.350 | 1  2  3  4  5  6  7  8 | -0.7699  0.7279  -0.0442  -0.1900  0.0009  -0.3314  -0.0237  0.0144 | -2.7459  0.7949  -0.0605  -0.1914  0.0011  -0.4534  -0.0239  0.0180 | -0.7085  -0.0055  -0.0028  -0.0066  0.0001  -0.0207  -0.0008  0.0009 | -0.9957  0.2831  -0.0223  -0.0698  0.0004  -0.1668  -0.0087  0.0063 | -0.5630  -0.0341  0.0097  0.0453  -0.0002  0.0724  0.0057  -0.0034 |
| 11.175 | 1.550 | 1  2  3  4  5  6  7  8 | -0.7699  0.7279  -0.0442  -0.1900  0.0009  -0.3314  -0.0237  0.0144 | -2.0448  0.6153  -0.0466  -0.1437  0.0009  -0.3491  -0.0180  0.0137 | -0.7085  -0.0055  -0.0028  -0.0066  0.0001  -0.0207  -0.0008  0.0009 | -0.1178  0.0509  -0.0045  -0.0120  0.0001  -0.0337  -0.0015  0.0010 | -0.4957  0.0734  0.0013  0.0112  -0.0000  0.0101  0.0014  -0.0007 |
| 11.175 | 1.800 | 1  2  3  4  5  6  7  8 | 0.5779  0.5137  -0.0160  -0.0683  0.0003  -0.1202  -0.0085  0.0049 | -0.8489  0.3659  -0.0261  -0.0715  0.0005  -0.1957  -0.0089  0.0075 | -0.6064  -0.0632  -0.0011  -0.0013  0.0000  -0.0083  -0.0002  0.0003 | 0.1617  -0.0093  -0.0003  0.0034  -0.0000  -0.0019  0.0004  -0.0001 | -0.4237  0.1268  -0.0020  -0.0025  0.0000  -0.0147  -0.0003  0.0003 |
| 11.175 | 2.050 | 1  2  3  4  5  6  7  8 | 1.1621  0.4998  -0.0074  -0.0323  0.0001  -0.0551  -0.0040  0.0022 | -0.1592  0.2678  -0.0168  -0.0353  0.0003  -0.1256  -0.0044  0.0047 | -0.5208  -0.1175  -0.0000  0.0026  -0.0000  -0.0001  0.0003  -0.0000 | 0.1907  -0.0419  0.0007  0.0075  -0.0000  0.0054  0.0009  -0.0003 | -0.3667  0.1383  -0.0027  -0.0048  0.0000  -0.0202  -0.0006  0.0005 |
| 11.175 | 2.300 | 1  2  3  4  5  6  7  8 | 1.4570  0.5603  -0.0037  -0.0172  0.0001  -0.0281  -0.0021  0.0011 | 0.0982  0.2098  -0.0129  -0.0192  0.0002  -0.0968  -0.0024  0.0036 | -0.5107  -0.1627  0.0004  0.0046  -0.0000  0.0027  0.0006  -0.0001 | 0.1659  -0.0695  0.0007  0.0075  -0.0000  0.0051  0.0009  -0.0003 | -0.3178  0.1326  -0.0028  -0.0042  0.0000  -0.0209  -0.0005  0.0005 |
| 11.175 | 2.550 | 1  2  3  4  5  6  7  8 | 1.6680  0.6192  -0.0022  -0.0099  0.0000  -0.0165  -0.0012  0.0006 | 0.1545  0.1441  -0.0113  -0.0133  0.0002  -0.0845  -0.0017  0.0031 | -0.5322  -0.1975  0.0002  0.0052  -0.0000  0.0015  0.0007  -0.0001 | 0.1370  -0.0921  0.0005  0.0068  -0.0000  0.0036  0.0009  -0.0002 | -0.2675  0.1176  -0.0028  -0.0027  0.0000  -0.0210  -0.0003  0.0005 |
| 11.175 | 2.800 | 1  2  3  4  5  6  7  8 | 1.7969  0.6581  -0.0015  -0.0061  0.0000  -0.0116  -0.0008  0.0005 | 0.1292  0.0646  -0.0100  -0.0120  0.0002  -0.0749  -0.0015  0.0027 | -0.5664  -0.2218  -0.0003  0.0055  0.0000  -0.0020  0.0007  0.0000 | 0.1205  -0.1058  0.0003  0.0063  -0.0000  0.0021  0.0008  -0.0001 | -0.2167  0.0961  -0.0028  -0.0009  0.0000  -0.0214  -0.0001  0.0005 |
| 11.175 | 3.050 | 1  2  3  4  5  6  7  8 | 1.9249  0.6287  -0.0013  -0.0047  0.0000  -0.0094  -0.0006  0.0005 | 0.0604  0.0094  -0.0081  -0.0130  0.0001  -0.0610  -0.0016  0.0022 | -0.5938  -0.2389  -0.0010  0.0061  0.0000  -0.0072  0.0008  0.0002 | 0.1136  -0.1055  0.0000  0.0063  -0.0000  0.0002  0.0008  -0.0000 | -0.1657  0.0673  -0.0031  0.0012  0.0000  -0.0235  0.0001  0.0006 |
| 11.175 | 3.300 | 1  2  3  4  5  6  7  8 | 2.0212  0.6237  -0.0007  -0.0053  0.0000  -0.0054  -0.0007  0.0004 | -0.0428  -0.0130  -0.0054  -0.0158  0.0001  -0.0401  -0.0020  0.0013 | -0.6187  -0.2466  -0.0018  0.0072  0.0000  -0.0132  0.0009  0.0004 | 0.1280  -0.1053  -0.0005  0.0069  0.0000  -0.0035  0.0009  0.0001 | -0.1117  0.0333  -0.0036  0.0035  0.0000  -0.0269  0.0004  0.0007 |
| 11.175 | 3.550 | 1  2  3  4  5  6  7  8 | 2.1641  0.5923  0.0007  -0.0093  0.0000  0.0049  -0.0012  0.0001 | -0.1857  -0.0126  -0.0015  -0.0198  0.0000  -0.0115  -0.0025  0.0001 | -0.6327  -0.2521  -0.0027  0.0087  0.0000  -0.0204  0.0011  0.0007 | 0.1666  -0.1030  -0.0014  0.0085  0.0000  -0.0105  0.0011  0.0005 | -0.0451  -0.0034  -0.0043  0.0060  0.0001  -0.0324  0.0007  0.0009 |
| 11.175 | 3.800 | 1  2  3  4  5  6  7  8 | 2.2579  0.5676  0.0042  -0.0180  -0.0001  0.0316  -0.0023  -0.0009 | -0.3301  0.0179  0.0027  -0.0235  -0.0001  0.0199  -0.0029  -0.0011 | -0.6547  -0.2544  -0.0035  0.0101  0.0001  -0.0260  0.0013  0.0009 | 0.2526  -0.1086  -0.0032  0.0116  0.0001  -0.0240  0.0015  0.0011 | 0.0504  -0.0412  -0.0051  0.0082  0.0001  -0.0381  0.0010  0.0012 |
| 11.175 | 4.050 | 1  2  3  4  5  6  7  8 | 2.2793  0.4810  0.0113  -0.0331  -0.0002  0.0851  -0.0041  -0.0031 | -0.3611  0.0610  0.0040  -0.0204  -0.0001  0.0303  -0.0026  -0.0015 | -0.6859  -0.2510  -0.0033  0.0100  0.0000  -0.0246  0.0013  0.0008 | 0.3721  -0.1298  -0.0063  0.0169  0.0001  -0.0469  0.0021  0.0020 | 0.2045  -0.0803  -0.0054  0.0089  0.0001  -0.0407  0.0011  0.0013 |
| 11.175 | 4.300 | 1  2  3  4  5  6  7  8 | 1.9759  0.2622  0.0211  -0.0485  -0.0004  0.1585  -0.0061  -0.0063 | -0.1415  -0.0052  -0.0041  0.0030  0.0001  -0.0307  0.0004  0.0010 | -0.7078  -0.2208  -0.0008  0.0060  0.0000  -0.0061  0.0008  0.0000 | 0.4635  -0.1752  -0.0098  0.0225  0.0002  -0.0736  0.0028  0.0031 | 0.4480  -0.1291  -0.0043  0.0062  0.0001  -0.0324  0.0008  0.0011 |
| 11.175 | 4.550 | 1  2  3  4  5  6  7  8 | 1.5530  0.1042  0.0306  -0.0679  -0.0006  0.2292  -0.0085  -0.0091 | 0.2299  -0.1195  -0.0230  0.0457  0.0004  -0.1722  0.0057  0.0067 | -0.3742  -0.2131  0.0017  0.0028  -0.0000  0.0128  0.0003  -0.0007 | 0.3502  -0.1779  -0.0102  0.0209  0.0002  -0.0764  0.0026  0.0033 | 0.6911  -0.1830  -0.0010  -0.0007  0.0000  -0.0073  -0.0001  0.0001 |
| 11.175 | 4.800 | 1  2  3  4  5  6  7  8 | 0.6098  -0.0719  0.0338  -0.0888  -0.0007  0.2536  -0.0111  -0.0104 | 0.4530  -0.0565  -0.0435  0.0868  0.0008  -0.3260  0.0108  0.0128 | -0.1876  -0.1514  0.0008  0.0055  -0.0000  0.0061  0.0007  -0.0003 | 0.0959  -0.1716  -0.0049  0.0085  0.0001  -0.0368  0.0011  0.0017 | 0.7014  -0.2129  0.0034  -0.0102  -0.0001  0.0256  -0.0013  -0.0012 |
| 11.175 | 5.050 | 1  2  3  4  5  6  7  8 | -0.1228  -0.2130  0.0484  -0.1974  -0.0011  0.3630  -0.0247  -0.0169 | 0.5732  0.1801  -0.0597  0.1096  0.0011  -0.4475  0.0137  0.0174 | -0.0847  -0.0785  -0.0005  0.0078  0.0000  -0.0037  0.0010  0.0002 | -0.1238  -0.2151  0.0050  -0.0120  -0.0001  0.0372  -0.0015  -0.0013 | 0.6045  -0.2482  0.0076  -0.0251  -0.0002  0.0571  -0.0031  -0.0026 |
| 11.175 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0206  -0.0198  0.0025  -0.0125  -0.0001  0.0184  -0.0016  -0.0009 | 0.6460  0.3293  -0.0668  0.1151  0.0012  -0.5005  0.0144  0.0193 | -0.0002  -0.0002  0.0000  0.0000  -0.0000  0.0000  0.0000  -0.0000 | -0.4013  -0.3553  0.0284  -0.0523  -0.0005  0.2127  -0.0065  -0.0081 | 0.1767  -0.0896  0.0051  -0.0202  -0.0001  0.0381  -0.0025  -0.0018 |
| 11.425 | 1.350 | 1  2  3  4  5  6  7  8 | -1.1837  1.3251  -0.0739  -0.2949  0.0015  -0.5536  -0.0368  0.0237 | -0.2840  0.9185  -0.1080  -0.2732  0.0020  -0.8094  -0.0341  0.0325 | -0.4218  -0.1057  0.0021  0.0123  -0.0000  0.0156  0.0015  -0.0007 | -0.2706  0.2607  -0.0274  -0.0715  0.0005  -0.2055  -0.0089  0.0080 | -0.2729  -0.0098  0.0103  0.0448  -0.0002  0.0774  0.0056  -0.0036 |
| 11.425 | 1.550 | 1  2  3  4  5  6  7  8 | -1.1837  1.3251  -0.0739  -0.2949  0.0015  -0.5536  -0.0368  0.0237 | -0.1703  0.6743  -0.0922  -0.2160  0.0017  -0.6915  -0.0270  0.0276 | -0.4218  -0.1057  0.0021  0.0123  -0.0000  0.0156  0.0015  -0.0007 | -0.0987  0.0076  -0.0013  -0.0012  0.0000  -0.0098  -0.0002  0.0002 | -0.3717  0.1288  -0.0041  -0.0010  0.0001  -0.0306  -0.0001  0.0010 |
| 11.425 | 1.800 | 1  2  3  4  5  6  7  8 | 0.3406  0.8837  -0.0249  -0.1126  0.0005  -0.1863  -0.0141  0.0076 | 0.1097  0.3131  -0.0742  -0.1390  0.0014  -0.5565  -0.0174  0.0219 | -0.6299  -0.2005  0.0028  0.0147  -0.0001  0.0212  0.0018  -0.0009 | 0.0514  -0.0266  0.0001  0.0046  -0.0000  0.0009  0.0006  -0.0002 | -0.3903  0.1783  -0.0075  -0.0132  0.0001  -0.0565  -0.0016  0.0020 |
| 11.425 | 2.050 | 1  2  3  4  5  6  7  8 | 1.3480  0.7454  -0.0111  -0.0575  0.0002  -0.0833  -0.0072  0.0034 | 0.3188  0.1619  -0.0710  -0.1058  0.0013  -0.5322  -0.0132  0.0207 | -0.7605  -0.2721  0.0023  0.0131  -0.0000  0.0174  0.0016  -0.0007 | 0.0858  -0.0342  0.0005  0.0059  -0.0000  0.0034  0.0007  -0.0002 | -0.3356  0.1788  -0.0081  -0.0134  0.0001  -0.0611  -0.0017  0.0021 |
| 11.425 | 2.300 | 1  2  3  4  5  6  7  8 | 1.7718  0.8203  -0.0049  -0.0283  0.0001  -0.0366  -0.0035  0.0015 | 0.4080  0.0809  -0.0700  -0.0855  0.0013  -0.5244  -0.0107  0.0202 | -0.8626  -0.3492  0.0017  0.0112  -0.0000  0.0124  0.0014  -0.0005 | 0.0877  -0.0503  0.0003  0.0049  -0.0000  0.0024  0.0006  -0.0002 | -0.2741  0.1619  -0.0078  -0.0108  0.0001  -0.0588  -0.0013  0.0020 |
| 11.425 | 2.550 | 1  2  3  4  5  6  7  8 | 2.1638  0.8838  -0.0037  -0.0171  0.0001  -0.0274  -0.0021  0.0011 | 0.3885  -0.0116  -0.0690  -0.0730  0.0012  -0.5172  -0.0091  0.0198 | -0.9545  -0.4092  0.0009  0.0095  -0.0000  0.0069  0.0012  -0.0003 | 0.0621  -0.0639  0.0003  0.0044  -0.0000  0.0023  0.0006  -0.0001 | -0.2198  0.1343  -0.0078  -0.0083  0.0001  -0.0581  -0.0010  0.0020 |
| 11.425 | 2.800 | 1  2  3  4  5  6  7  8 | 2.2339  0.9636  -0.0039  -0.0099  0.0001  -0.0291  -0.0012  0.0012 | 0.3283  -0.1358  -0.0665  -0.0632  0.0012  -0.4984  -0.0079  0.0189 | -1.0294  -0.4535  0.0002  0.0086  -0.0000  0.0013  0.0011  -0.0001 | 0.0617  -0.0735  0.0003  0.0039  -0.0000  0.0025  0.0005  -0.0001 | -0.1728  0.0996  -0.0073  -0.0056  0.0001  -0.0551  -0.0007  0.0018 |
| 11.425 | 3.050 | 1  2  3  4  5  6  7  8 | 2.4899  0.7999  -0.0061  -0.0067  0.0001  -0.0461  -0.0008  0.0020 | 0.2425  -0.1908  -0.0611  -0.0564  0.0011  -0.4581  -0.0070  0.0172 | -1.0934  -0.4588  -0.0008  0.0088  0.0000  -0.0059  0.0011  0.0001 | 0.0472  -0.0582  0.0005  0.0038  -0.0000  0.0036  0.0005  -0.0002 | -0.1290  0.0613  -0.0073  -0.0034  0.0001  -0.0548  -0.0004  0.0018 |
| 11.425 | 3.300 | 1  2  3  4  5  6  7  8 | 2.4971  0.8362  -0.0069  -0.0029  0.0001  -0.0517  -0.0004  0.0023 | 0.1520  -0.1857  -0.0528  -0.0541  0.0009  -0.3960  -0.0068  0.0147 | -1.1398  -0.4683  -0.0018  0.0102  0.0000  -0.0134  0.0013  0.0004 | 0.0649  -0.0605  0.0002  0.0039  -0.0000  0.0019  0.0005  -0.0001 | -0.0840  0.0232  -0.0070  -0.0010  0.0001  -0.0528  -0.0001  0.0017 |
| 11.425 | 3.550 | 1  2  3  4  5  6  7  8 | 2.8169  0.7257  -0.0089  -0.0042  0.0002  -0.0671  -0.0005  0.0029 | 0.0135  -0.1656  -0.0408  -0.0575  0.0007  -0.3062  -0.0072  0.0111 | -1.1766  -0.4616  -0.0033  0.0128  0.0001  -0.0250  0.0016  0.0008 | 0.0637  -0.0528  -0.0001  0.0051  0.0000  -0.0009  0.0006  0.0001 | -0.0282  -0.0153  -0.0071  0.0013  0.0001  -0.0534  0.0002  0.0017 |
| 11.425 | 3.800 | 1  2  3  4  5  6  7  8 | 2.7884  0.7102  -0.0066  -0.0116  0.0001  -0.0495  -0.0015  0.0022 | -0.1779  -0.1057  -0.0246  -0.0654  0.0004  -0.1845  -0.0082  0.0064 | -1.1788  -0.4594  -0.0051  0.0164  0.0001  -0.0383  0.0021  0.0013 | 0.1046  -0.0591  -0.0016  0.0082  0.0000  -0.0122  0.0010  0.0006 | 0.0515  -0.0543  -0.0072  0.0041  0.0001  -0.0540  0.0005  0.0018 |
| 11.425 | 4.050 | 1  2  3  4  5  6  7  8 | 2.9054  0.5733  0.0032  -0.0393  -0.0000  0.0241  -0.0049  -0.0008 | -0.4561  -0.0173  -0.0070  -0.0686  0.0001  -0.0527  -0.0086  0.0012 | -1.1259  -0.4421  -0.0071  0.0199  0.0001  -0.0531  0.0025  0.0019 | 0.1223  -0.0673  -0.0051  0.0156  0.0001  -0.0381  0.0019  0.0016 | 0.1707  -0.0996  -0.0078  0.0070  0.0001  -0.0584  0.0009  0.0020 |
| 11.425 | 4.300 | 1  2  3  4  5  6  7  8 | 2.3300  0.5195  0.0391  -0.1081  -0.0007  0.2931  -0.0135  -0.0118 | -0.8085  0.0658  -0.0087  -0.0261  0.0001  -0.0655  -0.0033  0.0020 | -0.9604  -0.4070  -0.0061  0.0178  0.0001  -0.0458  0.0022  0.0016 | 0.1717  -0.0973  -0.0123  0.0285  0.0002  -0.0923  0.0036  0.0038 | 0.3308  -0.1565  -0.0077  0.0085  0.0001  -0.0576  0.0011  0.0020 |
| 11.425 | 4.550 | 1  2  3  4  5  6  7  8 | 1.6861  0.3218  0.0871  -0.1870  -0.0017  0.6530  -0.0234  -0.0263 | -0.8196  0.0717  -0.0644  0.1099  0.0012  -0.4824  0.0137  0.0192 | -0.6741  -0.3211  -0.0018  0.0113  0.0000  -0.0137  0.0014  0.0004 | 0.1923  -0.1196  -0.0185  0.0368  0.0004  -0.1387  0.0046  0.0057 | 0.4835  -0.2169  -0.0057  0.0061  0.0001  -0.0429  0.0008  0.0015 |
| 11.425 | 4.800 | 1  2  3  4  5  6  7  8 | 0.7744  -0.0454  0.0591  -0.1351  -0.0011  0.4431  -0.0169  -0.0180 | -0.4931  0.1312  -0.1256  0.2343  0.0024  -0.9419  0.0293  0.0379 | -0.4151  -0.1657  -0.0053  0.0200  0.0001  -0.0394  0.0025  0.0016 | 0.1319  -0.1266  -0.0095  0.0162  0.0002  -0.0712  0.0020  0.0030 | 0.5432  -0.2593  -0.0023  -0.0002  0.0000  -0.0175  -0.0000  0.0005 |
| 11.425 | 5.050 | 1  2  3  4  5  6  7  8 | 0.0945  -0.2612  0.0386  -0.1643  -0.0008  0.2895  -0.0205  -0.0134 | -0.1478  0.2827  -0.1249  0.2247  0.0024  -0.9364  0.0281  0.0374 | -0.2239  -0.0199  -0.0085  0.0263  0.0002  -0.0638  0.0033  0.0026 | 0.0174  -0.1623  0.0043  -0.0115  -0.0001  0.0322  -0.0014  -0.0012 | 0.4963  -0.2803  0.0011  -0.0113  -0.0000  0.0079  -0.0014  -0.0006 |
| 11.425 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0230  -0.0287  0.0022  -0.0109  -0.0001  0.0162  -0.0014  -0.0008 | -0.0142  0.3649  -0.1080  0.1861  0.0020  -0.8098  0.0232  0.0320 | -0.0004  0.0003  -0.0001  0.0003  0.0000  -0.0006  0.0000  0.0000 | -0.0533  -0.2900  0.0341  -0.0626  -0.0006  0.2556  -0.0078  -0.0100 | 0.1471  -0.1014  0.0042  -0.0159  -0.0001  0.0314  -0.0020  -0.0015 |
| 11.550 | 1.550 | 1  2  3  4  5  6  7  8 | -1.1110  1.6500  -0.0896  -0.3522  0.0018  -0.6716  -0.0440  0.0286 | -0.1703  0.6743  -0.0922  -0.2160  0.0017  -0.6915  -0.0270  0.0276 | -0.2112  -0.4359  0.0193  0.0796  -0.0004  0.1448  0.0099  -0.0061 | -0.0987  0.0076  -0.0013  -0.0012  0.0000  -0.0098  -0.0002  0.0002 | -0.3237  0.2304  -0.0223  -0.0446  0.0004  -0.1673  -0.0056  0.0066 |
| 11.550 | 1.800 | 1  2  3  4  5  6  7  8 | 0.3721  1.0862  -0.0271  -0.1323  0.0005  -0.2034  -0.0165  0.0084 | 0.1097  0.3131  -0.0742  -0.1390  0.0014  -0.5565  -0.0174  0.0219 | -0.7078  -0.4566  0.0089  0.0445  -0.0002  0.0664  0.0056  -0.0027 | 0.0514  -0.0266  0.0001  0.0046  -0.0000  0.0009  0.0006  -0.0002 | -0.3321  0.2139  -0.0230  -0.0418  0.0004  -0.1727  -0.0052  0.0066 |
| 11.550 | 2.050 | 1  2  3  4  5  6  7  8 | 1.5028  0.8650  -0.0121  -0.0711  0.0002  -0.0905  -0.0089  0.0038 | 0.3188  0.1619  -0.0710  -0.1058  0.0013  -0.5322  -0.0132  0.0207 | -1.1052  -0.4883  0.0053  0.0308  -0.0001  0.0399  0.0038  -0.0017 | 0.0858  -0.0342  0.0005  0.0059  -0.0000  0.0034  0.0007  -0.0002 | -0.2783  0.1847  -0.0237  -0.0368  0.0004  -0.1777  -0.0046  0.0067 |
| 11.550 | 2.300 | 1  2  3  4  5  6  7  8 | 1.9232  0.9527  -0.0050  -0.0351  0.0001  -0.0373  -0.0044  0.0016 | 0.4080  0.0809  -0.0700  -0.0855  0.0013  -0.5244  -0.0107  0.0202 | -1.3151  -0.5973  0.0030  0.0207  -0.0001  0.0225  0.0026  -0.0010 | 0.0877  -0.0503  0.0003  0.0049  -0.0000  0.0024  0.0006  -0.0002 | -0.2166  0.1495  -0.0230  -0.0297  0.0004  -0.1721  -0.0037  0.0064 |
| 11.550 | 2.550 | 1  2  3  4  5  6  7  8 | 2.4274  1.0148  -0.0045  -0.0229  0.0001  -0.0339  -0.0029  0.0014 | 0.3885  -0.0116  -0.0690  -0.0730  0.0012  -0.5172  -0.0091  0.0198 | -1.5355  -0.6776  0.0021  0.0159  -0.0000  0.0158  0.0020  -0.0007 | 0.0621  -0.0639  0.0003  0.0044  -0.0000  0.0023  0.0006  -0.0001 | -0.1651  0.1086  -0.0230  -0.0247  0.0004  -0.1725  -0.0031  0.0063 |
| 11.550 | 2.800 | 1  2  3  4  5  6  7  8 | 2.4259  1.1278  -0.0055  -0.0139  0.0001  -0.0414  -0.0017  0.0018 | 0.3283  -0.1358  -0.0665  -0.0632  0.0012  -0.4984  -0.0079  0.0189 | -1.6140  -0.7553  0.0015  0.0127  -0.0000  0.0116  0.0016  -0.0006 | 0.0617  -0.0735  0.0003  0.0039  -0.0000  0.0025  0.0005  -0.0001 | -0.1243  0.0646  -0.0217  -0.0192  0.0004  -0.1624  -0.0024  0.0059 |
| 11.550 | 3.050 | 1  2  3  4  5  6  7  8 | 2.7792  0.8617  -0.0099  -0.0096  0.0002  -0.0740  -0.0012  0.0032 | 0.2425  -0.1908  -0.0611  -0.0564  0.0011  -0.4581  -0.0070  0.0172 | -1.7652  -0.6931  0.0015  0.0118  -0.0000  0.0112  0.0015  -0.0006 | 0.0472  -0.0582  0.0005  0.0038  -0.0000  0.0036  0.0005  -0.0002 | -0.0882  0.0212  -0.0210  -0.0154  0.0004  -0.1575  -0.0019  0.0057 |
| 11.550 | 3.300 | 1  2  3  4  5  6  7  8 | 2.6938  0.9403  -0.0115  -0.0024  0.0002  -0.0859  -0.0003  0.0036 | 0.1520  -0.1857  -0.0528  -0.0541  0.0009  -0.3960  -0.0068  0.0147 | -1.7887  -0.7243  0.0008  0.0117  -0.0000  0.0062  0.0015  -0.0004 | 0.0649  -0.0605  0.0002  0.0039  -0.0000  0.0019  0.0005  -0.0001 | -0.0539  -0.0156  -0.0189  -0.0114  0.0003  -0.1418  -0.0014  0.0050 |
| 11.550 | 3.550 | 1  2  3  4  5  6  7  8 | 3.1542  0.7726  -0.0164  -0.0013  0.0003  -0.1227  -0.0002  0.0051 | 0.0135  -0.1656  -0.0408  -0.0575  0.0007  -0.3062  -0.0072  0.0111 | -1.9306  -0.6751  0.0003  0.0143  -0.0000  0.0019  0.0018  -0.0003 | 0.0637  -0.0528  -0.0001  0.0051  0.0000  -0.0009  0.0006  0.0001 | -0.0128  -0.0503  -0.0173  -0.0086  0.0003  -0.1295  -0.0011  0.0046 |
| 11.550 | 3.800 | 1  2  3  4  5  6  7  8 | 3.0380  0.7745  -0.0154  -0.0067  0.0003  -0.1156  -0.0008  0.0048 | -0.1779  -0.1057  -0.0246  -0.0654  0.0004  -0.1845  -0.0082  0.0064 | -1.8892  -0.6770  -0.0019  0.0193  0.0000  -0.0143  0.0024  0.0003 | 0.1046  -0.0591  -0.0016  0.0082  0.0000  -0.0122  0.0010  0.0006 | 0.0452  -0.0801  -0.0147  -0.0051  0.0002  -0.1105  -0.0006  0.0038 |
| 11.550 | 4.050 | 1  2  3  4  5  6  7  8 | 3.3294  0.5916  -0.0055  -0.0411  0.0001  -0.0415  -0.0051  0.0018 | -0.4561  -0.0173  -0.0070  -0.0686  0.0001  -0.0527  -0.0086  0.0012 | -1.8830  -0.6203  -0.0065  0.0312  0.0001  -0.0488  0.0039  0.0017 | 0.1223  -0.0673  -0.0051  0.0156  0.0001  -0.0381  0.0019  0.0016 | 0.1265  -0.1119  -0.0135  -0.0002  0.0002  -0.1015  -0.0000  0.0036 |
| 11.550 | 4.300 | 1  2  3  4  5  6  7  8 | 2.6538  0.5891  0.0496  -0.1489  -0.0010  0.3716  -0.0186  -0.0152 | -0.8085  0.0658  -0.0087  -0.0261  0.0001  -0.0655  -0.0033  0.0020 | -1.5344  -0.5951  -0.0178  0.0526  0.0003  -0.1331  0.0066  0.0052 | 0.1717  -0.0973  -0.0123  0.0285  0.0002  -0.0923  0.0036  0.0038 | 0.2317  -0.1475  -0.0136  0.0093  0.0002  -0.1016  0.0012  0.0037 |
| 11.550 | 4.550 | 1  2  3  4  5  6  7  8 | 1.7689  0.4172  0.1323  -0.2824  -0.0025  0.9915  -0.0353  -0.0402 | -0.8196  0.0717  -0.0644  0.1099  0.0012  -0.4824  0.0137  0.0192 | -1.0566  -0.4605  -0.0307  0.0732  0.0006  -0.2299  0.0092  0.0092 | 0.1923  -0.1196  -0.0185  0.0368  0.0004  -0.1387  0.0046  0.0057 | 0.3451  -0.1841  -0.0185  0.0262  0.0003  -0.1387  0.0033  0.0053 |
| 11.550 | 4.800 | 1  2  3  4  5  6  7  8 | 0.7605  -0.0293  0.0753  -0.1641  -0.0014  0.5641  -0.0205  -0.0229 | -0.4931  0.1312  -0.1256  0.2343  0.0024  -0.9419  0.0293  0.0379 | -0.6072  -0.1731  -0.0217  0.0555  0.0004  -0.1630  0.0069  0.0066 | 0.1319  -0.1266  -0.0095  0.0162  0.0002  -0.0712  0.0020  0.0030 | 0.4254  -0.2170  -0.0218  0.0357  0.0004  -0.1635  0.0045  0.0064 |
| 11.550 | 5.050 | 1  2  3  4  5  6  7  8 | 0.1586  -0.2579  0.0217  -0.1257  -0.0005  0.1629  -0.0157  -0.0080 | -0.1478  0.2827  -0.1249  0.2247  0.0024  -0.9364  0.0281  0.0374 | -0.3211  0.0519  -0.0119  0.0452  0.0002  -0.0895  0.0056  0.0039 | 0.0174  -0.1623  0.0043  -0.0115  -0.0001  0.0322  -0.0014  -0.0012 | 0.4239  -0.2478  -0.0191  0.0310  0.0004  -0.1432  0.0039  0.0057 |
| 11.550 | 5.300 | 1  2  3  4  5  6  7  8 | 0.0271  -0.0357  0.0019  -0.0101  -0.0000  0.0142  -0.0013  -0.0007 | -0.0142  0.3649  -0.1080  0.1861  0.0020  -0.8098  0.0232  0.0320 | -0.0018  0.0024  -0.0001  0.0006  0.0000  -0.0008  0.0001  0.0000 | -0.0533  -0.2900  0.0341  -0.0626  -0.0006  0.2556  -0.0078  -0.0100 | 0.0031  -0.0041  0.0000  -0.0001  -0.0000  0.0001  -0.0000  -0.0000 |

* 1. Esfuerzos y armados de pilares, pantallas y muros
     1. Materiales

**Hormigones**

f'c=240; fck = 240 kp/cm²; c = 1.00

**Aceros por elemento y posición**

1. Aceros en barras

Para todos los elementos estructurales de la obra: Grado 40 (Latinoamérica); fyk = 2800 kp/cm²; s = 1.00

1. Aceros en perfiles

| Tipo de acero para perfiles | Acero | Límite elástico (kp/cm²) | Módulo de elasticidad (kp/cm²) |
| --- | --- | --- | --- |
| Aceros conformados | ASTM A 36 36 ksi | 2548 | 2069317 |
| Aceros laminados | ASTM A 36 36 ksi | 2548 | 2038736 |

* + 1. Esfuerzos de pilares, pantallas y muros por hipótesis

| Soporte | Dimensión (cm) | Tramo (m) | Hipótesis | Base | | | | | | Cabeza | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N (t) | Mx (t·m) | My (t·m) | Qx (t) | Qy (t) | T (t·m) | N (t) | Mx (t·m) | My (t·m) | Qx (t) | Qy (t) | T (t·m) |
| M2 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 40.26  7.19  1.22  1.89  -0.00  9.13  0.24  -0.01 | 4.71  3.40  0.82  -23.85  0.01  6.18  -2.98  0.11 | -0.49  2.28  -0.04  -0.02  -0.00  -0.28  -0.00  -0.00 | 0.34  -1.42  0.62  -18.08  0.05  4.68  -2.26  0.77 | -2.35  27.96  -0.03  -0.00  -0.00  -0.24  -0.00  -0.00 | -1.63  0.55  0.02  -0.57  0.00  0.14  -0.07  0.03 | 16.80  9.80  0.19  0.07  0.00  1.41  0.01  0.01 | 10.94  3.49  -0.32  4.87  -0.02  -2.40  0.61  -0.33 | 10.89  8.33  0.04  -0.03  0.00  0.30  -0.00  0.00 | -1.12  -0.15  0.63  -18.13  0.05  4.72  -2.26  0.78 | -4.94  -15.10  -0.03  0.01  -0.00  -0.20  0.00  -0.00 | -10.18  -0.69  0.02  -0.03  0.00  0.15  -0.00  0.01 |
| M3 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 4.90  -0.34  0.16  -1.07  -0.00  1.18  -0.13  -0.00 | -0.03  -0.11  -0.01  -0.03  0.00  -0.04  -0.00  0.00 | -0.00  0.06  -0.04  -0.19  0.00  -0.30  -0.02  0.01 | -0.12  -0.75  -0.01  -0.07  0.00  -0.11  -0.01  0.00 | -0.14  3.05  -0.18  -1.19  0.00  -1.34  -0.15  0.07 | -0.13  0.19  -0.00  0.01  0.00  -0.00  0.00  0.00 | 2.52  -0.54  0.01  -0.19  0.00  0.05  -0.02  0.00 | -0.79  0.10  -0.00  -0.00  0.00  -0.01  -0.00  0.00 | 0.69  -0.03  0.07  0.42  -0.00  0.49  0.05  -0.03 | 1.37  -0.05  -0.00  -0.03  0.00  -0.00  -0.00  0.00 | 1.09  -1.09  -0.20  -1.23  0.00  -1.47  -0.15  0.08 | -0.18  -0.25  0.00  0.00  0.00  0.00  0.00  0.00 |
| M4 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 3.01  -0.22  0.08  -0.72  -0.00  0.60  -0.09  -0.00 | 0.04  -0.34  -0.02  -0.10  0.00  -0.16  -0.01  0.01 | 0.04  0.03  -0.00  -0.03  0.00  -0.03  -0.00  0.00 | 0.39  -2.82  -0.14  -0.57  0.00  -1.04  -0.07  0.05 | 0.10  0.41  -0.01  -0.07  0.00  -0.07  -0.01  0.00 | 0.11  -0.12  0.00  -0.01  -0.00  0.02  -0.00  -0.00 | 1.86  -0.62  0.05  0.02  -0.00  0.36  0.00  -0.01 | -0.43  -0.46  0.06  0.24  -0.00  0.46  0.03  -0.02 | 0.31  -0.10  -0.01  -0.02  0.00  -0.04  -0.00  0.00 | -0.24  1.87  -0.16  -0.64  0.00  -1.17  -0.08  0.05 | -0.47  0.08  0.01  0.01  -0.00  0.05  0.00  -0.00 | 0.01  0.11  0.00  0.01  -0.00  0.02  0.00  -0.00 |
| M5 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 16.23  3.98  -0.04  -4.49  0.00  -0.27  -0.56  0.01 | 0.05  -0.69  0.00  -0.06  -0.00  0.02  -0.01  -0.00 | -0.04  -1.54  -0.49  -0.27  0.00  -3.65  -0.03  0.05 | -0.00  -7.16  0.00  -0.09  -0.00  0.03  -0.01  -0.00 | 0.30  -1.21  -1.04  -0.38  0.02  -7.83  -0.05  0.30 | 0.15  -1.51  -0.03  0.04  0.00  -0.25  0.00  0.01 | 4.25  3.03  -0.06  -0.49  0.00  -0.46  -0.06  0.02 | -2.59  -0.95  -0.01  0.03  0.00  -0.09  0.00  0.00 | 1.18  -1.56  0.31  0.41  -0.01  2.34  0.05  -0.10 | 2.17  2.15  0.02  -0.04  -0.00  0.14  -0.00  -0.01 | 0.06  -0.19  -1.07  -0.38  0.02  -8.01  -0.05  0.31 | -0.12  0.34  -0.01  0.08  0.00  -0.07  0.01  0.00 |
| M6 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 37.60  6.25  -1.24  -1.82  0.00  -9.31  -0.23  0.01 | 2.94  -0.28  0.50  -17.60  -0.01  3.77  -2.20  -0.13 | 0.55  -1.91  -0.04  -0.01  0.00  -0.27  -0.00  0.00 | 1.07  0.20  0.35  -13.75  -0.04  2.63  -1.72  -0.67 | 2.20  -23.27  -0.04  0.00  0.00  -0.30  0.00  0.00 | -0.72  0.33  0.01  0.66  0.00  0.06  0.08  0.04 | 18.50  7.47  -0.08  -0.11  0.00  -0.63  -0.01  0.00 | 0.31  -2.19  -0.08  1.90  0.01  -0.61  0.24  0.13 | -11.66  -7.25  0.05  0.06  -0.00  0.40  0.01  -0.00 | 1.12  0.48  0.35  -13.77  -0.04  2.64  -1.72  -0.67 | 5.42  13.49  0.00  0.01  -0.00  0.02  0.00  -0.00 | 0.50  -0.91  0.01  -0.35  -0.00  0.11  -0.04  -0.03 |
| M7 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 14.48  2.19  -0.29  2.74  -0.00  -2.18  0.34  -0.01 | -0.10  0.52  -0.00  -0.07  -0.00  -0.03  -0.01  -0.00 | -0.39  0.62  -0.44  -0.42  -0.00  -3.27  -0.05  -0.04 | -0.02  6.03  -0.01  -0.11  -0.00  -0.09  -0.01  -0.00 | 0.39  -7.55  -0.96  -3.06  -0.02  -7.22  -0.38  -0.27 | -0.26  0.62  -0.00  0.05  0.00  -0.02  0.01  0.00 | 6.95  1.65  -0.06  0.17  -0.00  -0.49  0.02  -0.01 | 3.93  1.23  0.00  0.09  0.00  0.01  0.01  0.00 | -4.41  1.12  0.25  0.58  0.00  1.87  0.07  0.07 | -4.24  -1.89  -0.01  -0.12  -0.00  -0.08  -0.02  -0.00 | -1.71  3.91  -0.97  -3.17  -0.02  -7.26  -0.40  -0.27 | -3.74  0.21  0.01  0.00  0.00  0.07  0.00  0.00 |
| M8 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 4.27  0.93  0.06  1.54  -0.00  0.45  0.19  -0.00 | 0.07  0.02  0.00  0.00  0.00  0.01  0.00  0.00 | -0.12  0.34  -0.06  0.07  -0.00  -0.48  0.01  -0.02 | 0.17  0.79  0.00  0.02  -0.00  0.02  0.00  -0.00 | -0.43  2.19  -0.29  0.61  -0.01  -2.16  0.08  -0.09 | 0.07  -0.09  0.01  0.01  0.00  0.05  0.00  0.00 | -0.06  0.75  0.01  0.18  -0.00  0.07  0.02  -0.00 | 0.05  -0.20  -0.00  -0.04  0.00  -0.02  -0.01  0.00 | -0.10  0.13  0.08  -0.18  0.00  0.58  -0.02  0.02 | -0.06  0.23  0.00  0.05  -0.00  0.02  0.01  -0.00 | 0.16  -0.84  -0.30  0.61  -0.01  -2.28  0.08  -0.09 | -0.01  0.04  -0.01  0.03  -0.00  -0.10  0.00  -0.00 |
| M11 | 30.0 | -3.30/0.00 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 6.98  0.76  0.05  1.93  -0.00  0.40  0.24  -0.00 | -0.30  0.57  -0.07  -0.18  -0.00  -0.50  -0.02  -0.02 | -0.02  -0.00  -0.01  -0.01  -0.00  -0.07  -0.00  -0.00 | -1.82  5.19  -0.47  -0.17  -0.01  -3.54  -0.02  -0.13 | -0.07  -1.59  -0.02  -0.01  -0.00  -0.13  -0.00  -0.00 | 0.21  -0.12  0.00  0.05  0.00  0.04  0.01  0.00 | 1.59  -1.02  -0.05  0.27  -0.00  -0.34  0.03  -0.01 | 0.70  0.22  0.18  0.10  0.00  1.36  0.01  0.05 | -0.16  0.21  0.01  -0.03  0.00  0.05  -0.00  0.00 | 1.02  -2.70  -0.49  -0.15  -0.01  -3.70  -0.02  -0.13 | 0.40  -0.29  -0.02  0.03  -0.00  -0.14  0.00  -0.00 | 0.26  -0.28  -0.02  0.02  -0.00  -0.14  0.00  -0.00 |

* + 1. Arranques de pilares y muros por hipótesis

Los esfuerzos de pantallas y muros son en ejes generales y referidos al centro de gravedad de la pantalla o muro en la planta.

| Soporte | Hipótesis | Esfuerzos en arranques | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| N (t) | Mx (t·m) | My (t·m) | Qx (t) | Qy (t) | T (t·m) |
| M2 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 40.26  7.19  1.22  1.89  -0.00  9.13  0.24  -0.01 | 4.71  3.40  0.82  -23.85  0.01  6.18  -2.98  0.11 | -0.49  2.28  -0.04  -0.02  -0.00  -0.28  -0.00  -0.00 | 0.34  -1.42  0.62  -18.08  0.05  4.68  -2.26  0.77 | -2.35  27.96  -0.03  -0.00  -0.00  -0.24  -0.00  -0.00 | -1.63  0.55  0.02  -0.57  0.00  0.14  -0.07  0.03 |
| M3 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 4.90  -0.34  0.16  -1.07  -0.00  1.18  -0.13  -0.00 | -0.03  -0.11  -0.01  -0.03  0.00  -0.04  -0.00  0.00 | -0.00  0.06  -0.04  -0.19  0.00  -0.30  -0.02  0.01 | -0.12  -0.75  -0.01  -0.07  0.00  -0.11  -0.01  0.00 | -0.14  3.05  -0.18  -1.19  0.00  -1.34  -0.15  0.07 | -0.13  0.19  -0.00  0.01  0.00  -0.00  0.00  0.00 |
| M4 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 3.01  -0.22  0.08  -0.72  -0.00  0.60  -0.09  -0.00 | 0.04  -0.34  -0.02  -0.10  0.00  -0.16  -0.01  0.01 | 0.04  0.03  -0.00  -0.03  0.00  -0.03  -0.00  0.00 | 0.39  -2.82  -0.14  -0.57  0.00  -1.04  -0.07  0.05 | 0.10  0.41  -0.01  -0.07  0.00  -0.07  -0.01  0.00 | 0.11  -0.12  0.00  -0.01  -0.00  0.02  -0.00  -0.00 |
| M5 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 16.23  3.98  -0.04  -4.49  0.00  -0.27  -0.56  0.01 | 0.05  -0.69  0.00  -0.06  -0.00  0.02  -0.01  -0.00 | -0.04  -1.54  -0.49  -0.27  0.00  -3.65  -0.03  0.05 | -0.00  -7.16  0.00  -0.09  -0.00  0.03  -0.01  -0.00 | 0.30  -1.21  -1.04  -0.38  0.02  -7.83  -0.05  0.30 | 0.15  -1.51  -0.03  0.04  0.00  -0.25  0.00  0.01 |
| M6 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 37.60  6.25  -1.24  -1.82  0.00  -9.31  -0.23  0.01 | 2.94  -0.28  0.50  -17.60  -0.01  3.77  -2.20  -0.13 | 0.55  -1.91  -0.04  -0.01  0.00  -0.27  -0.00  0.00 | 1.07  0.20  0.35  -13.75  -0.04  2.63  -1.72  -0.67 | 2.20  -23.27  -0.04  0.00  0.00  -0.30  0.00  0.00 | -0.72  0.33  0.01  0.66  0.00  0.06  0.08  0.04 |
| M7 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 14.48  2.19  -0.29  2.74  -0.00  -2.18  0.34  -0.01 | -0.10  0.52  -0.00  -0.07  -0.00  -0.03  -0.01  -0.00 | -0.39  0.62  -0.44  -0.42  -0.00  -3.27  -0.05  -0.04 | -0.02  6.03  -0.01  -0.11  -0.00  -0.09  -0.01  -0.00 | 0.39  -7.55  -0.96  -3.06  -0.02  -7.22  -0.38  -0.27 | -0.26  0.62  -0.00  0.05  0.00  -0.02  0.01  0.00 |
| M8 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 4.27  0.93  0.06  1.54  -0.00  0.45  0.19  -0.00 | 0.07  0.02  0.00  0.00  0.00  0.01  0.00  0.00 | -0.12  0.34  -0.06  0.07  -0.00  -0.48  0.01  -0.02 | 0.17  0.79  0.00  0.02  -0.00  0.02  0.00  -0.00 | -0.43  2.19  -0.29  0.61  -0.01  -2.16  0.08  -0.09 | 0.07  -0.09  0.01  0.01  0.00  0.05  0.00  0.00 |
| M11 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 6.98  0.76  0.05  1.93  -0.00  0.40  0.24  -0.00 | -0.30  0.57  -0.07  -0.18  -0.00  -0.50  -0.02  -0.02 | -0.02  -0.00  -0.01  -0.01  -0.00  -0.07  -0.00  -0.00 | -1.82  5.19  -0.47  -0.17  -0.01  -3.54  -0.02  -0.13 | -0.07  -1.59  -0.02  -0.01  -0.00  -0.13  -0.00  -0.00 | 0.21  -0.12  0.00  0.05  0.00  0.04  0.01  0.00 |

* 1. Pésimos de pilares, pantallas y muros

Referencias:

Aprovechamiento: Nivel de tensiones (relación entre la tensión máxima y la admisible). Equivale al inverso del coeficiente de seguridad.

Nx : Axil vertical.

Ny : Axil horizontal.

Nxy: Axil tangencial.

Mx : Momento vertical (alrededor del eje horizontal).

My : Momento horizontal (alrededor del eje vertical).

Mxy: Momento torsor.

Qx : Cortante transversal vertical.

Qy : Cortante transversal horizontal.

| **Muro M2: Longitud: 1085 cm [Nudo inicial: 0.15;0.15 -> Nudo final: 11.00;0.15]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 110.16 | -5.28 | -0.71 | -0.53 | 3.18 | 0.40 | 0.03 | --- | --- |
|  | Arm. horz. der. | 19.38 | -4.94 | -0.50 | -1.08 | 2.90 | 0.37 | 0.04 | --- | --- |
|  | Arm. vert. izq. | 6.25 | -5.28 | -0.71 | -0.53 | 3.18 | 0.40 | 0.03 | --- | --- |
|  | Arm. horz. izq. | 2.46 | -7.02 | -4.17 | -1.25 | 0.17 | 1.13 | 0.06 | --- | --- |
|  | Hormigón | 7.36 | -5.28 | -0.71 | -0.53 | 3.18 | 0.40 | 0.03 | --- | --- |
|  | Arm. transve. | 2.89 | -4.85 | -1.32 | -0.98 | --- | --- | --- | 3.52 | -0.03 |

| **Muro M3: Longitud: 105 cm [Nudo inicial: 11.00;0.15 -> Nudo final: 11.00;1.20]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 1.71 | -7.85 | -0.05 | 0.10 | -0.16 | 0.18 | -0.01 | --- | --- |
|  | Arm. horz. der. | 1.13 | 5.08 | -0.68 | 0.19 | 0.00 | -0.67 | 0.10 | --- | --- |
|  | Arm. vert. izq. | 1.71 | -7.85 | -0.05 | 0.10 | 0.16 | 0.18 | -0.01 | --- | --- |
|  | Arm. horz. izq. | 2.43 | -7.60 | -3.98 | -1.14 | -0.15 | 1.14 | -0.12 | --- | --- |
|  | Hormigón | 2.65 | -7.60 | -3.98 | -1.14 | -0.15 | 1.14 | -0.12 | --- | --- |
|  | Arm. transve. | 0.75 | -1.86 | 0.94 | -0.24 | --- | --- | --- | 0.55 | -0.74 |

| **Muro M4: Longitud: 70 cm [Nudo inicial: 11.00;1.20 -> Nudo final: 11.70;1.20]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 2.04 | -9.33 | -3.83 | 0.72 | -0.19 | 1.08 | 0.10 | --- | --- |
|  | Arm. horz. der. | 0.90 | 5.49 | -0.28 | -2.27 | -0.19 | -0.52 | -0.08 | --- | --- |
|  | Arm. vert. izq. | 2.03 | -9.33 | -3.83 | 0.72 | 0.19 | 1.08 | 0.10 | --- | --- |
|  | Arm. horz. izq. | 2.40 | -6.34 | -2.69 | -3.09 | -0.13 | 1.28 | 0.08 | --- | --- |
|  | Hormigón | 2.69 | -9.33 | -3.83 | 0.72 | -0.19 | 1.08 | 0.10 | --- | --- |
|  | Arm. transve. | 0.26 | -2.68 | -1.61 | -5.77 | --- | --- | --- | -0.28 | -0.16 |

| **Muro M5: Longitud: 425 cm [Nudo inicial: 11.70;1.20 -> Nudo final: 11.70;5.45]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 3.15 | -4.16 | -4.06 | -0.70 | -1.43 | -0.98 | -0.03 | --- | --- |
|  | Arm. horz. der. | 2.42 | -4.12 | -7.49 | 0.78 | 0.08 | -0.70 | 0.58 | --- | --- |
|  | Arm. vert. izq. | 2.75 | -3.25 | -0.35 | 0.50 | 1.29 | 0.16 | 0.04 | --- | --- |
|  | Arm. horz. izq. | 6.22 | -2.19 | -9.89 | 1.29 | -0.18 | 2.95 | -0.18 | --- | --- |
|  | Hormigón | 8.09 | -2.19 | -9.89 | 1.29 | -0.18 | 2.95 | -0.18 | --- | --- |
|  | Arm. transve. | 117647.06 | -22.68 | -17.04 | 10.49 | --- | --- | --- | 14.38 | -9.33 |

| **Muro M6: Longitud: 960 cm [Nudo inicial: 2.10;5.45 -> Nudo final: 11.70;5.45]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 6.24 | -5.27 | -0.66 | -0.17 | -3.17 | -0.40 | -0.05 | --- | --- |
|  | Arm. horz. der. | 5.18 | -1.71 | -6.01 | -1.85 | 0.03 | -2.73 | -0.12 | --- | --- |
|  | Arm. vert. izq. | 110.18 | -5.27 | -0.66 | -0.17 | -3.17 | -0.40 | -0.05 | --- | --- |
|  | Arm. horz. izq. | 18.87 | -5.19 | -0.70 | 0.22 | -3.10 | -0.39 | -0.06 | --- | --- |
|  | Hormigón | 7.37 | -5.27 | -0.66 | -0.17 | -3.17 | -0.40 | -0.05 | --- | --- |
|  | Arm. transve. | 3.33 | -5.14 | -4.59 | -1.96 | --- | --- | --- | 0.78 | 3.99 |

| **Muro M7: Longitud: 400 cm [Nudo inicial: 2.10;1.45 -> Nudo final: 2.10;5.45]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 3.48 | -4.01 | 0.44 | -0.83 | -1.65 | -0.31 | -0.12 | --- | --- |
|  | Arm. horz. der. | 4.92 | -3.25 | -8.30 | 1.81 | 0.09 | -2.28 | 0.24 | --- | --- |
|  | Arm. vert. izq. | 2.93 | -4.53 | -2.72 | 1.29 | 1.26 | 1.07 | 0.01 | --- | --- |
|  | Arm. horz. izq. | 2.10 | -4.53 | -2.72 | 1.29 | 1.26 | 1.07 | 0.01 | --- | --- |
|  | Hormigón | 6.06 | -3.25 | -8.30 | 1.81 | 0.09 | -2.28 | 0.24 | --- | --- |
|  | Arm. transve. | 117647.06 | -16.17 | -14.15 | 8.30 | --- | --- | --- | -10.95 | 7.48 |

| **Muro M8: Longitud: 130 cm [Nudo inicial: 0.15;0.15 -> Nudo final: 0.15;1.45]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 1.03 | -3.73 | -5.54 | -0.75 | -0.21 | -1.21 | -0.05 | --- | --- |
|  | Arm. horz. der. | 2.82 | -3.73 | -5.54 | -0.75 | 0.07 | -1.21 | -0.05 | --- | --- |
|  | Arm. vert. izq. | 0.84 | -3.63 | -3.93 | -2.08 | 0.23 | 0.19 | 0.05 | --- | --- |
|  | Arm. horz. izq. | 0.81 | -3.63 | -3.93 | -2.08 | 0.23 | 0.19 | 0.05 | --- | --- |
|  | Hormigón | 3.09 | -3.73 | -5.54 | -0.75 | 0.07 | -1.21 | -0.05 | --- | --- |
|  | Arm. transve. | 1.38 | -3.63 | -3.93 | -2.08 | --- | --- | --- | -1.63 | -0.42 |

| **Muro M11: Longitud: 194.824 cm [Nudo inicial: 0.15;1.45 -> Nudo final: 2.10;1.45]** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Comprobación | Aprovechamiento (%) | Pésimos | | | | | | | |
| Nx (t/m) | Ny (t/m) | Nxy (t/m) | Mx (t·m/m) | My (t·m/m) | Mxy (t·m/m) | Qx (t/m) | Qy (t/m) |
| Planta sótano  (e=30.0 cm) | Arm. vert. der. | 1.05 | -4.79 | 0.70 | 0.76 | -0.10 | 0.19 | -0.01 | --- | --- |
|  | Arm. horz. der. | 1.23 | 1.66 | 5.04 | 0.57 | 0.00 | -1.45 | -0.03 | --- | --- |
|  | Arm. vert. izq. | 1.48 | -4.02 | 2.81 | -1.69 | 0.44 | 0.50 | 0.00 | --- | --- |
|  | Arm. horz. izq. | 1.45 | -4.30 | -4.96 | 0.14 | 0.09 | 0.36 | 0.03 | --- | --- |
|  | Hormigón | 1.79 | -4.02 | 2.81 | -1.69 | 0.44 | 0.50 | 0.00 | --- | --- |
|  | Arm. transve. | 1.06 | -1.73 | 3.00 | 1.36 | --- | --- | --- | -0.06 | 1.29 |

* 1. Listado de armado de muros

| Muro M2: Longitud: 1085 cm [Nudo inicial: 0.15;0.15 -> Nudo final: 11.00;0.15] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 98.9 | --- |

| Muro M3: Longitud: 105 cm [Nudo inicial: 11.00;0.15 -> Nudo final: 11.00;1.20] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 100.0 | --- |

| Muro M4: Longitud: 70 cm [Nudo inicial: 11.00;1.20 -> Nudo final: 11.70;1.20] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 100.0 | --- |

| Muro M5: Longitud: 425 cm [Nudo inicial: 11.70;1.20 -> Nudo final: 11.70;5.45] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 99.2 | --- |

| Muro M6: Longitud: 960 cm [Nudo inicial: 2.10;5.45 -> Nudo final: 11.70;5.45] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 99.1 | --- |

| Muro M7: Longitud: 400 cm [Nudo inicial: 2.10;1.45 -> Nudo final: 2.10;5.45] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 98.5 | --- |

| Muro M8: Longitud: 130 cm [Nudo inicial: 0.15;0.15 -> Nudo final: 0.15;1.45] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 100.0 | --- |

| Muro M11: Longitud: 194.824 cm [Nudo inicial: 0.15;1.45 -> Nudo final: 2.10;1.45] | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Espesor (cm) | Armadura vertical | | Armadura horizontal | | Armadura transversal | | | | F.C. (%) | Estado |
| Izquierda | Derecha | Izquierda | Derecha | Ramas | Diám. | Sep.ver (cm) | Sep.hor (cm) |
| Planta baja | 30.0 | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | Ø1/2"c/30 cm | --- | --- | --- | --- | 100.0 | --- |

F.C. = El factor de cumplimiento indica el porcentaje de área en el cual el armado y espesor de hormigón son suficientes.

* 1. Sumatorio de esfuerzos de pilares, pantallas y muros por hipótesis y planta

| **Valores referidos al origen (X=0.00, Y=0.00)** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta | Cota (m) | Hipótesis | N (t) | Mx (t·m) | My (t·m) | Qx (t) | Qy (t) | T (t·m) |
| Sótano | -3.30 | Carga permanente  Sobrecarga de uso  Sismo X Modo 1  Sismo X Modo 2  Sismo X Modo 3  Sismo Y Modo 1  Sismo Y Modo 2  Sismo Y Modo 3 | 127.74  20.74  -0.00  -0.00  0.00  -0.00  -0.00  0.00 | 808.16  132.23  1.13  -108.3  0.00  8.50  -13.53  0.06 | 334.92  57.15  -8.50  -13.53  0.00  -63.68  -1.69  0.06 | -0.00  0.04  0.34  -32.82  0.00  2.57  -4.10  0.02 | -0.00  -0.00  -2.57  -4.10  0.00  -19.30  -0.51  0.02 | 0.00  -0.08  -17.96  54.85  0.48  -134.6  6.85  7.57 |

* 1. Listado de medición de vigas

Materiales:

Hormigón: f'c=240

Acero: Grado 40 (Latinoamérica)

|  | Tipo | A.neg.  kg | A.pos.  kg | A.mon.  kg | A.est.  kg | Total  kg | Ø3/8"  kg | Ø1/2"  kg | V.horm.  m³ |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planta baja  \*Pórtico 1  V-101(B20-B19) | Plana |  | 3.8 | 5.9 | 14.5 | 24.2 | 18.3 | 5.9 | 0.090 |
| \*Pórtico 2  V-102(B21-B22) | Plana | 0.9 | 3.5 | 2.6 | 18.7 | 25.7 | 25.7 |  | 0.090 |
| \*Pórtico 3  V-103(B28-B27) | Plana |  | 2.7 | 4.7 | 9.3 | 16.7 | 12.0 | 4.7 | 0.038 |
| \*Pórtico 4  V-104(B21-B20) | Plana | 2.0 | 5.1 | 3.6 | 21.8 | 32.5 | 32.5 |  | 0.130 |
| \*Pórtico 5  V-105(B22-B19) | Plana |  | 4.8 | 6.7 | 21.8 | 33.3 | 26.6 | 6.7 | 0.130 |
| Total Planta baja |  | 2.9 | 19.9 | 23.5 | 86.1 | 132.4 | 115.1 | 17.3 | 0.478 |
| Total Obra |  | 2.9 | 19.9 | 23.5 | 86.1 | 132.4 | 115.1 | 17.3 | 0.478 |

- A.neg.: Armado de negativos

- A.pos.: Armado de positivos

- A.mon.: Armado montaje

- A.est.: Armado estribos

Materiales:

Hormigón: f'c=240

Acero: Grado 40 (Latinoamérica)

Resumen de medición (+10%)

|  | Tipo Acero | Ø3/8"  kg | Ø1/2"  kg | Total  kg |
| --- | --- | --- | --- | --- |
| Planta baja | Grado 40 (Latinoamérica) | 126.6 | 19.0 | 145.6 |
| Total Obra |  | 126.6 | 19.0 | 145.6 |

* 1. Listado de armado de vigas

Sistema de unidades: M.K.S

Materiales:

Hormigón: f'c=240

Acero: Grado 40 (Latinoamérica)

Materiales de cimentación:

Hormigón: f'c=240

Acero: Grado 40 (Latinoamérica)

|  |
| --- |
| Armado de vigas  Obra: Cámara Subterránea  Gr.pl. no 0 Sótano --- Pl. igual 1 |
| Armado de vigas  Obra: Cámara Subterránea  Gr.pl. no 1 Planta baja --- Pl. igual 1 |
| Pórtico 1 --- Grupo de plantas: 1 |
| Tramo nº 1 (L= 2.10) Jácena plana Tipo R Sección B\*H = 20 X 25 |

|  | N.izq.0L | L/6 | 2L/6 | L/2 | 4L/6 | 5L/6 | N.der.1L |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. cap. mom. neg. sup. | 0.1 | ------- | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| E. cap. mom. pos. inf. | 0.4 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| Cap. mom. neg. repre. sup. | 5.9(x= 0.70) 5.9(x= 0.82) 5.9(x= 2.07) | | | | | | |
| Cap. mom. pos. repre. inf. | 5.9(x= 0.10) 5.9(x= 0.43) 5.9(x= 1.68) | | | | | | |
| Env. momentos negat. | 0.0 | 0.0 | -0.0 | -0.0 | -0.0 | -0.0 | -0.0 |
| Env. momentos posit. | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Momentos repres. | 0.0(0.82) 0.2(0.09) 0.1(0.43) 0.0(1.68) -0.1(2.07) | | | | | | |
| Env. cortantes negat. | -0.0 | -1.0 | -0.6 | -0.5 | -0.5 | -0.7 | -1.1 |
| Env. cortantes posit. | 0.0 | -0.4 | -0.3 | -0.3 | -0.3 | -0.4 | -0.7 |
| Cortantes repres. | 0.0(x= 0.00) -1.1(x= 0.10) | | | | | | |
| Envolvente de torsión | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Torsor borde apoyo: | 0.00(x= 0.10) 0.00(x= 2.10) Tor. agota.: 0.34 | | | | | | |

N.izq.: B20 ----------------------- N.der.: B19

Arm.Montaje: 2Ø1/2"(0.40P+2.15+0.40P=2.95)

Arm.Inferior: 2Ø3/8"(0.15P+2.15+0.15P=2.45), 1Ø3/8"(2.00)

Estribos: 12x1eØ3/8"c/0.1(1.18), 16x1eØ3/8"c/0.05(0.80)

Flechas: Voladizo (tangente)

Inst. s.c.u.: 0.015cm (L/14000)

Activa......: 0.003cm (L/70000)

|  |
| --- |
| Pórtico 2 --- Grupo de plantas: 1 |
| Tramo nº 1 (L= 2.00) Jácena plana Tipo R Sección B\*H = 20 X 25 |

|  | N.izq.0L | L/6 | 2L/6 | L/2 | 4L/6 | 5L/6 | N.der.1L |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. cap. mom. neg. sup. | ------- | ------- | ------- | 0.1 | 0.1 | 5.9 | 0.1 |
| E. cap. mom. pos. inf. | 1.7 | 5.9 | 5.9 | 5.9 | 5.9 | 0.4 | 0.4 |
| Cap. mom. neg. repre. sup. | 0.1(x= 1.22) 5.9(x= 1.97) | | | | | | |
| Cap. mom. pos. repre. inf. | 5.9(x=-0.00) 5.9(x= 0.40) 0.4(x= 2.00) | | | | | | |
| Env. momentos negat. | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | -0.0 | -0.0 |
| Env. momentos posit. | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 | -0.0 | -0.0 |
| Momentos repres. | 0.0(0.97) 0.3( 0.0) 0.1(0.40) -0.1(1.97) | | | | | | |
| Env. cortantes negat. | -1.0 | -0.8 | -0.7 | -0.7 | -0.7 | -0.8 | -0.8 |
| Env. cortantes posit. | -0.5 | -0.5 | -0.4 | -0.4 | -0.5 | -0.5 | -0.5 |
| Cortantes repres. | -0.4(x= 0.72) -1.0(x= 0.00) | | | | | | |
| Envolvente de torsión | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Torsor borde apoyo: | 0.00(x=-0.00) 0.00(x= 2.00) Tor. agota.: 0.34 | | | | | | |

N.izq.: B21 ----------------------- N.der.: B22

Arm.Superior: ----- 2Ø3/8"(0.65+0.15P=0.80)

Arm.Montaje: 2Ø3/8"(2.15+0.15P=2.30)

Arm.Inferior: 2Ø3/8"(0.15P+2.15+0.15P=2.45), 1Ø3/8"(1.45)

Estribos: 36x1eØ3/8"c/0.05(1.80)

Flechas: Vano (secante)

Inst. s.c.u.: -0.001cm (L/200000)

Activa......: 0.003cm (L/66667)

|  |
| --- |
| Pórtico 3 --- Grupo de plantas: 1 |
| Tramo nº 1 (L= 1.30) Jácena plana Tipo R Sección B\*H = 15 X 25 |

|  | N.izq.0L | L/6 | 2L/6 | L/2 | 4L/6 | 5L/6 | N.der.1L |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. cap. mom. neg. sup. | 1.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 0.4 |
| E. cap. mom. pos. inf. | 0.2 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 0.2 |
| Cap. mom. neg. repre. sup. | 4.5(x= 0.15) 4.5(x= 0.44) 4.5(x= 1.15) | | | | | | |
| Cap. mom. pos. repre. inf. | 4.5(x= 0.15) 4.5(x= 0.28) 4.5(x= 1.15) | | | | | | |
| Env. momentos negat. | -0.2 | -0.2 | -0.1 | -0.0 | -0.0 | -0.0 | -0.0 |
| Env. momentos posit. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Momentos repres. | -0.3(0.13) 0.1(0.13) 0.0(0.28) 0.1(1.17) -0.1(1.17) | | | | | | |
| Env. cortantes negat. | -0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.0 |
| Env. cortantes posit. | 0.0 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | 0.0 |
| Cortantes repres. | 0.7(x= 0.15) -0.2(x= 1.15) | | | | | | |
| Envolvente de torsión | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Torsor borde apoyo: | 0.00(x= 0.00) 0.00(x= 1.30) Tor. agota.: 0.19 | | | | | | |

N.izq.: B28 ----------------------- N.der.: B27

Arm.Montaje: 2Ø1/2"(0.39P+1.56+0.40P=2.35)

Arm.Inferior: 2Ø3/8"(0.15P+1.56+0.15P=1.86), 1Ø3/8"(1.00)

Estribos: 20x1eØ3/8"c/0.05(1.00)

Flechas: Vano (secante)

Inst. s.c.u.: -0.002cm (L/65000)

Activa......: -0.002cm (L/65000)

|  |
| --- |
| Pórtico 4 --- Grupo de plantas: 1 |
| Tramo nº 1 (L= 2.80) Jácena plana Tipo R Sección B\*H = 20 X 25 |

|  | N.izq.0L | L/6 | 2L/6 | L/2 | 4L/6 | 5L/6 | N.der.1L |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. cap. mom. neg. sup. | 0.7 | ------- | ------- | ------- | ------- | ------- | 5.9 |
| E. cap. mom. pos. inf. | 0.7 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 0.7 |
| Cap. mom. neg. repre. sup. | 5.9(x= 0.00) 5.9(x= 2.79) | | | | | | |
| Cap. mom. pos. repre. inf. | 5.9(x= 0.54) 5.9(x= 1.33) 5.9(x= 2.26) | | | | | | |
| Env. momentos negat. | -0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | -0.1 |
| Env. momentos posit. | -0.0 | 0.3 | 0.4 | 0.5 | 0.4 | 0.3 | -0.0 |
| Momentos repres. | -0.1( 0.0) 0.3(0.54) 0.5(1.33) 0.3(2.26) -0.1(2.80) | | | | | | |
| Env. cortantes negat. | 0.9 | 0.4 | 0.2 | -0.0 | -0.3 | -0.7 | -1.5 |
| Env. cortantes posit. | 1.5 | 0.7 | 0.3 | 0.0 | -0.2 | -0.4 | -0.8 |
| Cortantes repres. | 1.5(x= 0.00) -1.5(x= 2.80) | | | | | | |
| Envolvente de torsión | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Torsor borde apoyo: | 0.00(x= 0.00) 0.00(x= 2.80) Tor. agota.: 0.34 | | | | | | |

N.izq.: B21 ----------------------- N.der.: B20

Arm.Superior: 2Ø3/8"(0.15P+0.70=0.85) ----- 2Ø3/8"(0.70+0.15P=0.85)

Arm.Montaje: 2Ø3/8"(0.15P+2.96+0.15P=3.26)

Arm.Inferior: 2Ø3/8"(0.15P+2.96+0.15P=3.26), 1Ø3/8"(2.75)

Estribos: 16x1eØ3/8"c/0.05(0.80), 10x1eØ3/8"c/0.1(1.00), 16x1eØ3/8"c/0.05(0.80)

Flechas: Vano (secante)

Inst. s.c.u.: 0.007cm (L/40000)

Activa......: 0.074cm (L/3784)

|  |
| --- |
| Pórtico 5 --- Grupo de plantas: 1 |
| Tramo nº 1 (L= 2.80) Jácena plana Tipo R Sección B\*H = 20 X 25 |

|  | N.izq.0L | L/6 | 2L/6 | L/2 | 4L/6 | 5L/6 | N.der.1L |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. cap. mom. neg. sup. | 0.1 | 5.9 | 0.1 | 5.9 | 5.9 | 0.1 | ------- |
| E. cap. mom. pos. inf. | 0.2 | 0.2 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| Cap. mom. neg. repre. sup. | 5.9(x= 0.15) 5.9(x= 1.65) 5.9(x= 1.90) | | | | | | |
| Cap. mom. pos. repre. inf. | 0.2(x= 0.00) 5.9(x= 2.24) 5.9(x= 2.79) | | | | | | |
| Env. momentos negat. | 0.0 | -0.0 | 0.0 | -0.0 | -0.0 | 0.0 | 0.1 |
| Env. momentos posit. | 0.0 | -0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Momentos repres. | -0.1(0.15) 0.0( 0.0) 0.0(2.24) 0.1(2.80) 0.0(1.90) | | | | | | |
| Env. cortantes negat. | -0.8 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| Env. cortantes posit. | -0.5 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.3 |
| Cortantes repres. | 0.3(x= 2.80) -0.8(x= 0.00) | | | | | | |
| Envolvente de torsión | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Torsor borde apoyo: | 0.00(x= 0.00) 0.00(x= 2.80) Tor. agota.: 0.34 | | | | | | |

N.izq.: B22 ----------------------- N.der.: B19

Arm.Montaje: 2Ø1/2"(0.39P+2.96=3.35)

Arm.Inferior: 2Ø3/8"(0.15P+2.96+0.15P=3.26), 1Ø3/8"(2.20)

Estribos: 16x1eØ3/8"c/0.05(0.80), 10x1eØ3/8"c/0.1(1.00), 16x1eØ3/8"c/0.05(0.80)

Flechas: Vano (secante)

Inst. s.c.u.: -0.002cm (L/140000)

Activa......: 0.001cm (L/280000)

* 1. Listado de armado de losas

|  |
| --- |
| Planta baja  Número Plantas Iguales: 1 |

Malla: Losa maciza

**Alineaciones longitudinales**

Alineación 3: (y= 0.30) Inferior (x= 1.14)-(x= 11.13) +19 1Ø3/8"c/15

Superior (x= 1.14)-(x= 11.13) +19 1Ø3/8"c/15

Alineación 4: (y= 0.55) Inferior 19+ (x= 1.62)-(x= 11.13) +19 1Ø3/8"c/15

Superior 19+ (x= 1.62)-(x= 11.13) +19 1Ø3/8"c/12.5

Alineación 5: (y= 0.80) Inferior 19+ (x= 1.62)-(x= 11.13) +19 1Ø3/8"c/15

Superior 19+ (x= 1.62)-(x= 11.13) +19 1Ø3/8"c/12.5

Alineación 6: (y= 1.05) Inferior 19+ (x= 1.62)-(x= 11.19) 1Ø3/8"c/15

Superior 19+ (x= 1.62)-(x= 7.84) 1Ø3/8"c/12.5

(x= 8.01)-(x= 11.46) 1Ø3/8"c/10

Alineación 7: (y= 1.30) Inferior (x= 1.14)-(x= 11.19) 1Ø3/8"c/15

Superior (x= 1.14)-(x= 6.65) 1Ø3/8"c/10

(x= 8.01)-(x= 11.46) 1Ø3/8"c/10

Alineación 8: (y= 1.55) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/15

Superior (x= 1.79)-(x= 5.20) 1Ø3/8"c/10

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/12.5

Alineación 9: (y= 1.80) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 5.22) 1Ø1/2"c/15

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/15

Alineación 10: (y= 2.05) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.66) 1Ø1/2"c/12.5

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/12.5

Alineación 11: (y= 2.30) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.66) 1Ø1/2"c/12.5

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 12: (y= 2.55) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.66) 1Ø1/2"c/12.5

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 13: (y= 2.80) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.19) 1Ø1/2"c/10

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 14: (y= 3.05) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.19) 1Ø1/2"c/10

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

20+ (x= 10.62)-(x= 11.83) +20 1Ø1/2"c/15

Alineación 15: (y= 3.30) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.19) 1Ø1/2"c/10

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

20+ (x= 10.62)-(x= 11.83) +20 1Ø1/2"c/15

Alineación 16: (y= 3.55) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.74) 1Ø1/2"c/12.5

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

20+ (x= 10.62)-(x= 11.83) +20 1Ø1/2"c/15

Alineación 17: (y= 3.80) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 4.74) 1Ø1/2"c/12.5

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

20+ (x= 10.62)-(x= 11.83) +20 1Ø1/2"c/15

Alineación 18: (y= 4.05) Inferior (x= 2.14)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 5.18) 1Ø1/2"c/15

(x= 6.55)-(x= 8.78) +19 1Ø3/8"c/15

19+ (x= 10.62)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 19: (y= 4.30) Inferior (x= 2.14)-(x= 9.15) 1Ø3/8"c/15

(x= 10.25)-(x= 11.60) 1Ø3/8"c/15

Superior 20+ (x= 1.97)-(x= 6.94) 1Ø1/2"c/15

(x= 10.25)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 20: (y= 4.55) Inferior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Superior 19+ (x= 1.97)-(x= 7.87) 1Ø3/8"c/12.5

(x= 7.03)-(x= 11.83) +19 1Ø3/8"c/10

Alineación 21: (y= 4.80) Inferior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Superior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Alineación 22: (y= 5.05) Inferior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Superior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Alineación 23: (y= 5.30) Inferior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

Superior 19+ (x= 1.97)-(x= 11.83) +19 1Ø3/8"c/15

**Alineaciones transversales**

Alineación 9: (x= 1.92) Inferior 19+ (y= 0.02)-(y= 1.58) +19 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 1.58) +19 1Ø3/8"c/10

Alineación 10: (x= 2.17) Inferior 19+ (y= 0.02)-(y= 1.76) 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 1.76) 1Ø3/8"c/10

Alineación 11: (x= 2.42) Inferior 19+ (y= 0.02)-(y= 5.58) +19 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 5.58) +19 1Ø3/8"c/10

Alineación 12: (x= 2.67) Inferior 19+ (y= 0.02)-(y= 5.58) +19 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 5.58) +19 1Ø3/8"c/10

Alineación 13: (x= 2.92) Inferior 19+ (y= 0.02)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 5.58) +20 1Ø1/2"c/15

Alineación 14: (x= 3.17) Inferior (y= 0.03)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 5.58) +20 1Ø1/2"c/12.5

Alineación 15: (x= 3.42) Inferior (y= 0.03)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 2.47) 1Ø1/2"c/12.5

(y= 3.16)-(y= 5.58) +20 1Ø1/2"c/15

Alineación 16: (x= 3.67) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/12.5

Superior 20+ (y= 0.02)-(y= 2.26) 1Ø1/2"c/10

(y= 3.35)-(y= 5.58) +20 1Ø1/2"c/12.5

Alineación 17: (x= 3.92) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/12.5

Superior 20+ (y= 0.02)-(y= 2.26) 1Ø1/2"c/10

(y= 3.43)-(y= 5.58) +20 1Ø1/2"c/10

Alineación 18: (x= 4.17) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 20+ (y= 0.02)-(y= 2.26) 1Ø1/2"c/10

(y= 3.43)-(y= 5.58) +20 1Ø1/2"c/10

Alineación 19: (x= 4.42) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 25+ (y= 0.02)-(y= 2.04) 1Ø5/8"c/15

(y= 3.43)-(y= 5.58) +20 1Ø1/2"c/10

Alineación 20: (x= 4.67) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.62)-(y= 5.58) +25 1Ø5/8"c/15

Alineación 21: (x= 4.92) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 22: (x= 5.17) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 23: (x= 5.42) Inferior (y= 0.25)-(y= 5.35) 1Ø3/8"c/10

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 24: (x= 5.67) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 25: (x= 5.92) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 26: (x= 6.17) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 27: (x= 6.42) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 28: (x= 6.67) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 29: (x= 6.92) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 30: (x= 7.17) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 31: (x= 7.42) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 32: (x= 7.67) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 33: (x= 7.92) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 34: (x= 8.17) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 35: (x= 8.42) Inferior (y= 0.25)-(y= 5.35) 1Ø1/2"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 36: (x= 8.67) Inferior (y= 0.25)-(y= 1.85) 1Ø3/8"c/15

(y= 3.75)-(y= 5.35) 1Ø3/8"c/15

Superior 25+ (y= 0.02)-(y= 2.00) 1Ø5/8"c/12.5

(y= 3.57)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 37: (x= 8.92) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 25+ (y= 0.02)-(y= 1.48) +25 1Ø5/8"c/15

25+ (y= 4.12)-(y= 5.58) +25 1Ø5/8"c/12.5

Alineación 38: (x= 9.17) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 1.48) +20 1Ø1/2"c/10

25+ (y= 4.12)-(y= 5.58) +25 1Ø5/8"c/15

Alineación 39: (x= 9.42) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 1.48) +20 1Ø1/2"c/10

20+ (y= 4.12)-(y= 5.58) +20 1Ø1/2"c/10

Alineación 40: (x= 9.67) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 1.48) +20 1Ø1/2"c/12.5

20+ (y= 4.12)-(y= 5.58) +20 1Ø1/2"c/10

Alineación 41: (x= 9.92) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 20+ (y= 0.02)-(y= 1.48) +20 1Ø1/2"c/15

20+ (y= 4.12)-(y= 5.58) +20 1Ø1/2"c/12.5

Alineación 42: (x= 10.17) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 1.48) +19 1Ø3/8"c/10

20+ (y= 4.12)-(y= 5.58) +20 1Ø1/2"c/15

Alineación 43: (x= 10.42) Inferior (y= 0.03)-(y= 1.48) +19 1Ø3/8"c/15

19+ (y= 4.12)-(y= 5.57) 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 1.48) +19 1Ø3/8"c/10

19+ (y= 4.12)-(y= 5.58) +19 1Ø3/8"c/10

Alineación 44: (x= 10.67) Inferior 19+ (y= 0.02)-(y= 1.85) 1Ø3/8"c/15

(y= 3.75)-(y= 5.57) 1Ø3/8"c/15

Superior 19+ (y= 0.02)-(y= 1.85) 1Ø3/8"c/10

(y= 3.75)-(y= 5.58) +19 1Ø3/8"c/10

Alineación 45: (x= 10.92) Inferior (y= 1.02)-(y= 5.58) +19 1Ø3/8"c/15

Superior (y= 0.74)-(y= 5.58) +19 1Ø3/8"c/10

Alineación 46: (x= 11.17) Inferior 19+ (y= 1.07)-(y= 5.58) +19 1Ø3/8"c/15

Superior 19+ (y= 1.07)-(y= 5.58) +19 1Ø3/8"c/12.5

Alineación 47: (x= 11.42) Inferior 19+ (y= 1.07)-(y= 5.58) +19 1Ø3/8"c/15

Superior 19+ (y= 1.07)-(y= 5.58) +19 1Ø3/8"c/15

* 1. Listado de Cimentación
     1. Descripción

| Referencias | GEOMETRÍA | ARMADO |
| --- | --- | --- |
| M2 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20  Superior Longitudinal: 5Ø1/2"c/20  Superior Transversal: Ø1/2"c/20 |
| M3 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20  Superior Longitudinal: 5Ø1/2"c/20  Superior Transversal: Ø1/2"c/20 |
| M4 | Vuelo a la izquierda: 55.0 cm  Vuelo a la derecha: 55.0 cm  Ancho total: 140.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 8Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20 |
| M5 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20  Superior Longitudinal: 5Ø1/2"c/20  Superior Transversal: Ø1/2"c/20 |
| M6 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20 |
| M7 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20  Superior Longitudinal: 5Ø1/2"c/20  Superior Transversal: Ø1/2"c/20 |
| M8 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø5/8"c/25  Superior Longitudinal: 5Ø1/2"c/20  Superior Transversal: Ø1/2"c/20 |
| M11 | Vuelo a la izquierda: 25.0 cm  Vuelo a la derecha: 25.0 cm  Ancho total: 80.0 cm  Canto de la zapata: 30.0 cm | Inferior Longitudinal: 5Ø1/2"c/20  Inferior Transversal: Ø1/2"c/20 |

* + 1. Medición

| **Referencia: M2** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura superior - Transversal | Longitud (m)  Peso (kg) | 57x1.39  57x1.38 | 79.23  78.80 |
| Armadura superior - Longitudinal | Longitud (m)  Peso (kg) | 5x11.05  5x10.99 | 55.25  54.95 |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 57x1.39  57x1.38 | 79.23  78.80 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x11.05  5x10.99 | 55.25  54.95 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 38x0.90  38x0.90 | 34.20  34.02 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 38x0.90  38x0.90 | 34.20  34.02 |
| Totales | Longitud (m)  Peso (kg) | 337.36  335.54 | 335.54 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 371.10  369.09 | 369.09 |

| **Referencia: M3** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura superior - Transversal | Longitud (m)  Peso (kg) | 8x1.39  8x1.38 | 11.12  11.06 |
| Armadura superior - Longitudinal | Longitud (m)  Peso (kg) | 5x1.25  5x1.24 | 6.25  6.22 |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 8x1.39  8x1.38 | 11.12  11.06 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x1.25  5x1.24 | 6.25  6.22 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 6x0.90  6x0.90 | 5.40  5.37 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 6x0.90  6x0.90 | 5.40  5.37 |
| Totales | Longitud (m)  Peso (kg) | 45.54  45.30 | 45.30 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 50.09  49.83 | 49.83 |

| **Referencia: M4** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 6x2.04  6x2.03 | 12.24  12.17 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 8x0.90  8x0.90 | 7.20  7.16 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 4x0.90  4x0.90 | 3.60  3.58 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 4x0.90  4x0.90 | 3.60  3.58 |
| Totales | Longitud (m)  Peso (kg) | 26.64  26.49 | 26.49 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 29.30  29.14 | 29.14 |

| **Referencia: M5** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura superior - Transversal | Longitud (m)  Peso (kg) | 24x1.39  24x1.38 | 33.36  33.18 |
| Armadura superior - Longitudinal | Longitud (m)  Peso (kg) | 5x4.45  5x4.43 | 22.25  22.13 |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 24x1.39  24x1.38 | 33.36  33.18 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x4.45  5x4.43 | 22.25  22.13 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 16x0.90  16x0.90 | 14.40  14.32 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 16x0.90  16x0.90 | 14.40  14.32 |
| Totales | Longitud (m)  Peso (kg) | 140.02  139.26 | 139.26 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 154.02  153.19 | 153.19 |

| **Referencia: M6** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 50x1.44  50x1.43 | 72.00  71.61 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x9.80  5x9.75 | 49.00  48.74 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 34x0.90  34x0.90 | 30.60  30.43 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 34x0.90  34x0.90 | 30.60  30.43 |
| Totales | Longitud (m)  Peso (kg) | 182.20  181.21 | 181.21 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 200.42  199.33 | 199.33 |

| **Referencia: M7** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura superior - Transversal | Longitud (m)  Peso (kg) | 22x1.39  22x1.38 | 30.58  30.41 |
| Armadura superior - Longitudinal | Longitud (m)  Peso (kg) | 5x4.20  5x4.18 | 21.00  20.89 |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 22x1.39  22x1.38 | 30.58  30.41 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x4.20  5x4.18 | 21.00  20.89 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 15x0.90  15x0.90 | 13.50  13.43 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 15x0.90  15x0.90 | 13.50  13.43 |
| Totales | Longitud (m)  Peso (kg) | 130.16  129.46 | 129.46 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 143.18  142.41 | 142.41 |

| **Referencia: M8** |  | Grado 40 | | Total |
| --- | --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" | Ø5/8" |  |
| Armadura superior - Transversal | Longitud (m)  Peso (kg) | 9x1.38  9x1.37 |  | 12.42  12.35 |
| Armadura superior - Longitudinal | Longitud (m)  Peso (kg) | 5x1.50  5x1.49 |  | 7.50  7.46 |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) |  | 7x1.48  7x2.31 | 10.36  16.18 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x1.50  5x1.49 |  | 7.50  7.46 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 6x0.90  6x0.90 |  | 5.40  5.37 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 6x0.90  6x0.90 |  | 5.40  5.37 |
| Totales | Longitud (m)  Peso (kg) | 38.22  38.01 | 10.36  16.18 | 54.19 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 42.04  41.81 | 11.40  17.80 | 59.61 |

| **Referencia: M11** |  | Grado 40 | Total |
| --- | --- | --- | --- |
| Nombre de armado |  | Ø1/2" |  |
| Armadura inferior - Transversal | Longitud (m)  Peso (kg) | 12x1.44  12x1.43 | 17.28  17.19 |
| Armadura inferior - Longitudinal | Longitud (m)  Peso (kg) | 5x2.15  5x2.14 | 10.75  10.69 |
| Arranques - Transversal - Izquierda | Longitud (m)  Peso (kg) | 9x0.90  9x0.90 | 8.10  8.06 |
| Arranques - Transversal - Derecha | Longitud (m)  Peso (kg) | 9x0.90  9x0.90 | 8.10  8.06 |
| Totales | Longitud (m)  Peso (kg) | 44.23  44.00 | 44.00 |
| Total con mermas  (10.00%) | Longitud (m)  Peso (kg) | 48.65  48.40 | 48.40 |

**Resumen de medición (se incluyen mermas de acero)**

|  | Grado 40 (kg) | | | Hormigón (m³) |  | Encofrado  (m²) |
| --- | --- | --- | --- | --- | --- | --- |
| Elemento | Ø1/2" | Ø5/8" | Total | f'c=240 | Limpieza |  |
| Referencia: M2 | 369.09 |  | 369.09 | 2.68 | 0.89 | 6.69 |
| Referencia: M3 | 49.83 |  | 49.83 | 0.32 | 0.11 | 0.81 |
| Referencia: M4 | 29.14 |  | 29.14 | 0.42 | 0.14 | 0.60 |
| Referencia: M5 | 153.19 |  | 153.19 | 1.09 | 0.36 | 2.73 |
| Referencia: M6 | 199.33 |  | 199.33 | 2.38 | 0.79 | 5.94 |
| Referencia: M7 | 142.41 |  | 142.41 | 1.03 | 0.34 | 2.58 |
| Referencia: M8 | 41.81 | 17.80 | 59.61 | 0.38 | 0.13 | 0.96 |
| Referencia: M11 | 48.40 |  | 48.40 | 0.54 | 0.18 | 1.35 |
| Totales | 1033.20 | 17.80 | 1051.00 | 8.84 | 2.95 | 21.66 |

* + 1. Comprobación

| Referencia: M2 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 Xs:Ø1/2"c/20 Ys:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.606 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.709 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.829 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 0.987 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 365.5 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 5427.8 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 2.37 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 1.93 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 10.59 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 18.82 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 11.3 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 11.53 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M2: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Mínimo: 10 mm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla superior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M3 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 Xs:Ø1/2"c/20 Ys:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.832 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 1.134 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 1.672 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 2.277 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 102.6 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 31621.7 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 2.7 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 1.46 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 1.33 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 3.43 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 10.69 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 11.05 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M3: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Mínimo: 10 mm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla superior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M4 | | |
| --- | --- | --- |
| Dimensiones: 140 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.426 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.632 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.854 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 1.266 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 55.5 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 50944.4 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 2.68 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 1.5 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 0.78 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 1.18 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 8.87 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 9.16 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M4: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Criterio de CYPE Ingenieros* | | | | |  | | --- | | Mínimo: 10 mm | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 45 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 63 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 63 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M5 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 Xs:Ø1/2"c/20 Ys:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.719 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.844 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.84 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 1.055 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 559.8 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 11811.8 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 3.93 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 2.5 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 5.28 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 2.21 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 11.97 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 12.02 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M5: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Mínimo: 10 mm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla superior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M6 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.655 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.775 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.711 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 0.905 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 765.3 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 7395.8 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 2.79 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 2.31 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 14.10 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 5.36 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 11.73 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 12.25 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M6: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Criterio de CYPE Ingenieros* | | | | |  | | --- | | Mínimo: 10 mm | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M7 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 Xs:Ø1/2"c/20 Ys:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.666 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.747 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.813 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 0.974 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 421.5 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 12249.7 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 2.76 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 1.57 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 4.48 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 1.83 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 10.23 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 10.41 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M7: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Mínimo: 10 mm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla superior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 35 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M8 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø5/8"c/25 Xs:Ø1/2"c/20 Ys:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 1.221 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 1.341 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 1.8 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 2.134 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 110.6 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 63931.8 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 6.84 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 2.49 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 5.91 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 13.97 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 8.79 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 9.51 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M8: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0027 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Mínimo: 10 mm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla superior: | | | |  | | --- | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 25 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 25 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado superior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 39 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 39 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 34 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 34 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Mínimo: 25 cm | | Calculado: 39 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Mínimo: 25 cm | | Calculado: 39 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia arriba: | | | |  | | --- | | Mínimo: 20 cm | | Calculado: 34 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado sup. dirección Y hacia abajo: | | | |  | | --- | | Mínimo: 20 cm | | Calculado: 34 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

| Referencia: M11 | | |
| --- | --- | --- |
| Dimensiones: 80 x 30 | | |
| Armados: Xi:Ø1/2"c/20 Yi:Ø1/2"c/20 | | |
| Comprobación | Valores | Estado |
| |  |  | | --- | --- | | |  | | --- | | Tensiones sobre el terreno: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones persistentes: | | | |  | | --- | | Máximo: 4 kp/cm² | | Calculado: 0.561 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión media en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3 kp/cm² | | Calculado: 0.67 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones persistentes: | | | |  | | --- | | Máximo: 5 kp/cm² | | Calculado: 0.807 kp/cm² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Tensión máxima en situaciones accidentales sísmicas: | | | |  | | --- | | Máximo: 3.75 kp/cm² | | Calculado: 1.003 kp/cm² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Vuelco de la zapata: | | | |  | | --- | | *Si el % de reserva de seguridad es mayor que cero, quiere decir que los coeficientes de seguridad al vuelco son mayores que los valores estrictos exigidos para todas las combinaciones de equilibrio.* | | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Reserva seguridad: 316.1 % | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Reserva seguridad: 19216.9 % | | Cumple |
| |  | | --- | | Deslizamiento de la zapata: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Cálculo de estructuras de cimentación', J. Calavera. 4ª edición, ed. INTEMAC, 2000..* | | | | |  | | --- | | Mínimo: 1.5 | | Calculado: 3.3 | | Cumple |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Recomendación del libro 'Muros de Contención y Muros de Sótano', J. Calavera. 2ª edición, ed. INTEMAC, 1989.* | | | | |  | | --- | | Mínimo: 1.2 | | Calculado: 1.71 | | Cumple |
| |  | | --- | | Flexión en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Momento: 0.00 t·m | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Momento: 0.46 t·m | | Cumple |
| |  | | --- | | Cortante en la zapata: | |  |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección X: | | | |  | | --- | | Cortante: 0.00 t | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | En dirección Y: | | | |  | | --- | | Cortante: 0.67 t | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Compresión oblicua en la zapata: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 720 t/m² | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones persistentes: | | | |  | | --- | | Calculado: 9.16 t/m² | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Situaciones accidentales sísmicas: | | | |  | | --- | | Calculado: 10.03 t/m² | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Canto mínimo: | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Capítulo 15.7 (norma ACI 318M-08)* | | | | |  | | --- | | Mínimo: 21 cm | | Calculado: 30 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Espacio para anclar arranques en cimentación: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | M11: | | | | |  | | --- | | Mínimo: 15 cm | | Calculado: 23 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Cuantía geométrica mínima: | | | |  | | --- | | *Capítulo 7.12.2.1 (norma ACI 318M-08)* | | | |  | | --- | | Mínimo: 0.002 | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 0.0022 | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Diámetro mínimo de las barras: | | | |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Parrilla inferior: | | | | |  |  |  |  | | --- | --- | --- | --- | |  |  | |  | | --- | | *Criterio de CYPE Ingenieros* | | | | |  | | --- | | Mínimo: 10 mm | | Calculado: 12.7 mm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación máxima entre barras: | | | |  | | --- | | *Criterio de CYPE Ingenieros* | | | |  | | --- | | Máximo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Separación mínima entre barras: | | | |  | | --- | | *Recomendación del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 10 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección X: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inferior dirección Y: | | | |  | | --- | | Calculado: 20 cm | | Cumple |
| |  |  | | --- | --- | | |  | | --- | | Longitud de anclaje: | | | |  | | --- | | *Criterio del libro "Cálculo de estructuras de cimentación", J. Calavera. ed. INTEMAC, 1991* | | | |  | | --- | | Mínimo: 30 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  | | --- | | Longitud mínima de las patillas: | | |  | | --- | | Mínimo: 20 cm | |  |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia arriba: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| |  |  |  |  | | --- | --- | --- | --- | |  | - | |  | | --- | | Armado inf. dirección Y hacia abajo: | | | |  | | --- | | Calculado: 37 cm | | Cumple |
| Se cumplen todas las comprobaciones | | |

* 1. Listado de Coeficientes
* **Nombres de las hipótesis**

|  |  |
| --- | --- |
| G | Carga permanente |
| Qa | Sobrecarga de uso |
| SX | Sismo X |
| SY | Sismo Y |

* **Categoría de uso**

1. General

* **E.L.U. de rotura. Hormigón**

ACI 318M-08

ASCE 7-05

* **E.L.U. de rotura. Hormigón en cimentaciones**

ACI 318M-08

ASCE 7-05

* **E.L.U. de rotura. Acero conformado**

AISI/NASPEC-2007 (LRFD)

ASCE 7-05

* **E.L.U. de rotura. Acero laminado**

AISC 360-05 (LRFD)

ASCE 7-05

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.400 |  |  |  |
| 2 | 1.200 | 1.600 |  |  |
| 3 | 1.200 | 0.500 |  |  |
| 4 | 1.200 |  | -1.000 |  |
| 5 | 1.200 | 0.500 | -1.000 |  |
| 6 | 1.200 |  | 1.000 |  |
| 7 | 1.200 | 0.500 | 1.000 |  |
| 8 | 1.200 |  |  | -1.000 |
| 9 | 1.200 | 0.500 |  | -1.000 |
| 10 | 1.200 |  |  | 1.000 |
| 11 | 1.200 | 0.500 |  | 1.000 |
| 12 | 0.900 |  |  |  |
| 13 | 0.900 |  | -1.000 |  |
| 14 | 0.900 |  | 1.000 |  |
| 15 | 0.900 |  |  | -1.000 |
| 16 | 0.900 |  |  | 1.000 |

* **E.L.U. de rotura. Madera**

EC

1. **Coeficientes para situaciones persistentes o transitorias y sísmicas**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.350 |  |  |  |
| 3 | 1.000 | 1.500 |  |  |
| 4 | 1.350 | 1.500 |  |  |
| 5 | 1.000 |  | -1.000 |  |
| 6 | 1.000 | 0.300 | -1.000 |  |
| 7 | 1.000 |  | 1.000 |  |
| 8 | 1.000 | 0.300 | 1.000 |  |
| 9 | 1.000 |  |  | -1.000 |
| 10 | 1.000 | 0.300 |  | -1.000 |
| 11 | 1.000 |  |  | 1.000 |
| 12 | 1.000 | 0.300 |  | 1.000 |

1. **Coeficientes para situaciones accidentales de incendio**

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.000 | 0.300 |  |  |

* **E.L.U. de rotura. Aluminio**

EC

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.350 |  |  |  |
| 3 | 1.000 | 1.500 |  |  |
| 4 | 1.350 | 1.500 |  |  |
| 5 | 1.000 |  | -1.000 |  |
| 6 | 1.000 | 0.300 | -1.000 |  |
| 7 | 1.000 |  | 1.000 |  |
| 8 | 1.000 | 0.300 | 1.000 |  |
| 9 | 1.000 |  |  | -1.000 |
| 10 | 1.000 | 0.300 |  | -1.000 |
| 11 | 1.000 |  |  | 1.000 |
| 12 | 1.000 | 0.300 |  | 1.000 |

* **Tensiones sobre el terreno**

Acciones características

* **Desplazamientos**

Acciones características

| Comb. | G | Qa | SX | SY |
| --- | --- | --- | --- | --- |
| 1 | 1.000 |  |  |  |
| 2 | 1.000 | 1.000 |  |  |
| 3 | 1.000 |  | -1.000 |  |
| 4 | 1.000 | 1.000 | -1.000 |  |
| 5 | 1.000 |  | 1.000 |  |
| 6 | 1.000 | 1.000 | 1.000 |  |
| 7 | 1.000 |  |  | -1.000 |
| 8 | 1.000 | 1.000 |  | -1.000 |
| 9 | 1.000 |  |  | 1.000 |
| 10 | 1.000 | 1.000 |  | 1.000 |