Белорусский национальный технический университет

Автотракторный факультет

Кафедра «Двигатели внутреннего сгорания»

Пояснительная записка

к курсовой работе

по дисциплине

Математическое моделирование производственных процессов

тема:

Моделирование скоростных характеристик автомобиля BMW M5

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**Введение**

Оценить приёмистость (способность быстро увеличивать скорость движения) автомобиля позволяет характеристика «разгон-выбег». Она представляет собой изменение скорости автомобиля во времени. Проверка скоростных свойств автомобиля выполняется по ГОСТ 22576-90 по программам и методикам контрольных испытаний.

Основными оценочными показателями скоростных свойств автомобиля являются:

1. максимальная скорость:

к испытаниям на максимальную скорость относятся:

* + максимальная скорость на участке дороги длиной 1 км.;
  + условная максимальная скорость – средняя скорость прохождения автомобилем последних 400 м участка дороги длиной 2 км при интенсивном разгоне.

1. время разгона до заданной скорости
2. время разгона на пути 400 м
3. время разгона на пути 1000 м

Испытания по оценке тягово-скоростных свойств автомобиля проводятся при номинальной нагрузке двигателя (внешняя скоростная характеристика двигателя при полной подаче топлива), на прямом отрезке дороги с цементобетонным покрытием при скорости ветра не более 3 м/с, температуре воздуха 20 0С, атмосферном давлении 750 мм.рт.ст. и влажностью 95 %.

Определение скоростной характеристики разгона автомобиля с места при полной подаче топлива производится по внешней скоростной характеристике двигателя и выбег его с максимальной скорости до полной остановки при минимальной подаче топлива и нейтрали в коробке передач завершается построением графиков зависимости V=f(t) и V=f(S).

1. **Цели и задачи моделирования**

Цель работы: Смоделировать модель разгон-выбег и построить графики зависимости разгона-выбега от времени и пути автомобиля BMW M5 .

Для нахождения приемлемого решения задачи, нужно знать, в чем она состоит. Часто это положение игнорируется и результат, как правило, - чрезмерные затраты ресурсов на последующих этапах моделирования.

В числе целей можно выделить:

1. Нахождение исходных данных
2. Составление алгоритма программы.
3. Разработка модели, в доступной форме показывающей процесс разгона, переключения передач и выбега автомобиля.
4. Построение графиков зависимостей скорости автомобиля от пути и времени на этапах разгона и выбега.
5. Дать оценку разработанной модели.
6. Оценить возможности использования модели на практике.

Процесс проектирования удобно рассматривать как процесс детализации описания разрабатываемой технической системы, причем описание это не что иное, как модель технической системы.

#### Составление содержательного описания

#### Описание объекта моделирования.

Объектом моделирования является автомобиль MAZDA 626, находящийся в движении, а именно: при разгоне и выбеге. Ниже приведены основные технические характеристики данного автомобиля.

Технические характеристики автомобиля mazda 626 2.0 16V:

|  |  |
| --- | --- |
| КУЗОВ |  |
| Тип кузова | Седан |
| Число мест | 4 |
| Число дверей | 2 |
| ГАБАРИТЫ |  |
| Ширина, мм | 1700 |
| Высота, мм | 1360 |
| Размер шин | 215/65 R 16 |
| Снаряженная масса, кг | 1160 |
| ДВИГАТЕЛЬ |  |
| Объем двигателя, см3 | 2000 |
| Мощность, л.с./об.мин. | 140/6500 |
| Крутящий момент, Нм/об.мин. | 186/4000 |
| Количество цилиндров | 4 |
| Расположение цилиндров | Рядное |
| Система питания | Инжектор |
| Топливо | Бензин АИ-95 |
| ПРИВОД |  |
| Тип привода | Задний |

**Описание внешней среды, взаимодействующей с автомобилем**

Прямой отрезок дороги с цементобетонным покрытием. Скорости ветра не более 3 м/с, температура воздуха 20 0С, атмосферное давление 750 мм. рт. ст. и влажность 95 %.

**Описание взаимодействия модели с внешней средой**

Автомобиль находится в непрерывном движении с момента его трогания с места и до полной остановки. При его движении учитываются следующие факторы: автомобиль движется по горизонтальной дороге с асфальтобетонным покрытием; КПД трансмиссии — 0,85-0,93; коэффициент сопротивления качению f=0,008-0,012; время переключения передач составляет 1 секунду. Автомобиль разгоняется до своей максимальной скорости или до достижения пути 2000 м и переводится в режим выбега. Коэффициент обтекаемости Кb=0,30. На автомобиль непрерывно действуют следующие силы: Fо − полная окружная сила на ведущих колесах при вращении их без буксования, при коэффициенте сцепления шины с дорогой 0,7; Fв — сила лобового сопротивления; G — сила тяжести автомобиля; Ff — сила сопротивления качению; Fj — сила инерции. Также в данной модели учитывается динамический фактор — D.

#### Составление формальное описания

#### Для описания объекта моделирования используются формулы и зависимости теоретической механики, а именно: уравнение тягового баланса, основанное на принципе Даламбера. Данный принцип носит теоретический характер. Также в модели используется скоростная характеристика двигателя, основанная на регрессионной модели, по которой определяют крутящий момент в зависимости от числа оборотов коленчатого вала.

В описании будут использованы независимые параметры – время и путь, и зависимый параметр – скорость.

1. **Преобразование формального описания в математическую модель**

Испытания по оценке тягово-скоростных свойств проводятся при номинальной нагрузке и нормальных климатических условиях на дорогах с асфальтобетонным покрытием.

Определение скоростной характеристики разгона автомобиля с места на внешней скоростной характеристике двигателя и выбега с максимальной скорости до полной остановки завершается построением графиков зависимостей .



Внешняя скоростная характеристика двигателя определяется по формулам:

кВт; (1)



Нм.(2)



- вычисляются по формулам:



;(3)



;(4)



; (5)



. (6)



- коэффициент приспособляемости по крутящему моменту и



- коэффициент приспособляемости по мощности вычисляем по формулам:



;(7)



.(8)



где - максимальное значение мощности;



- частота вращения коленчатого вала при максимальной мощности;



- максимальное значение крутящего момента;



- частота вращения коленчатого вала при максимальном крутящем моменте;



- номинальная частота вращения коленчатого вала.



Движение автомобиля рассмотрим под действием сил показанных на рисунке:

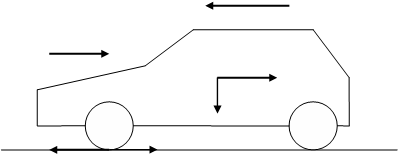


Рисунок 1. Движение автомобиля под действием приложенных сил

– сила инерции;



– сила тяги;



– сила лобового сопротивления;



– сила тяжести автомобиля;



– сила сопротивления качению.



Сила тяги на ведущих колёсах при вращении их без буксования при коэффициенте сцепления :



,Н; (9)



где - радиус колеса , м; (10)



- передаточное число коробки передач;



- передаточное число главной передачи;



- КПД трансмиссии = ;



- посадочный диаметр колеса;



- высота профиля шины;



- крутящий момент.



# Сила лобового сопротивления:

, Н; (11)



где - коэффициент обтекаемости;



- скорость автомобиля;



- площадь лобового сопротивления.



, м2; (12)



где – коэффициент заполнения площади;



**–** габаритная ширина автомобиля;



– габаритная высота автомобиля.



Сила сопротивления качению:

,Н; (13)



где – коэффициент сопротивления качению;



– полная масса автомобиля;



– ускорение свободного падения;



Разность между силой тяги и силы сопротивления воздуха – свободная сила тяги, которая может быть использована для преодоления сил трения качения и разгона автомобиля. Отношение свободной силы тяги к весу автомобиля называется динамическим фактором:

, (14)



где - вес автомобиля.



Максимально возможное ускорение автомобиля при движении в заданных дорожных условиях наиболее удобно вычислять, используя динамическую характеристику. Из уравнения тягового баланса имеем:

, м/с2(15)



где - коэффициент учёта вращающихся масс.



, (16)



;



Поскольку этап трогания автомобиля с места зависит от темпа включения сцепления и темпа подачи топлива, т.е. определяется индивидуальными особенностями водителя, то при расчёте принимается, что разгон начинается с минимальной устойчивой скорости на передаче с которой происходит трогание автомобиля. Минимальная устойчивая скорость определяется исходя из минимальной устойчивой частоты вращения коленчатого вала. Разгон осуществляется при полной подаче топлива, т.е. двигатель работает на внешней скоростной характеристике.

Для определения скорости, пути и времени разгона автомобиля проводится численное интегрирование с заданным шагом по времени. При этом считают, что ускорение автомобиля на шаге интегрирования постоянно и по нему определяется приращение скорости и пути:

, м/с;(17)



, м.(18)



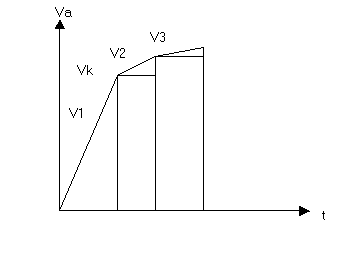
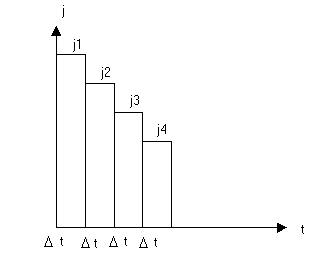
Максимальная скорость на данной передаче:

,км/ч.(19)



При переключении передачи, начальная скорость разгона автомобиля на следующей передаче равна конечной скорости на предыдущей за вычетом потери скорости при переключении передачи из-за разрыва потока мощности. Конечная скорость автомобиля на предыдущей передаче равна максимальной скорости при той передаче, которая достигается при номинальной частоте вращения коленчатого вала двигателя.

Выбег автомобиля начинается с максимальной достигнутой скорости на участке 2000 метров. Он заключается в выключении передачи и движении автомобиля по инерции до полной остановки. Характеристикой «выбег» оценивается сопротивление автомобиля качению.



Ja= (g/δ)\*(D-f)

Заканчивается выбег автомобиля его полной остановкой или достижением минимальной скорости движения < 0,1 км/ч.

Составляется таблица исходных данных и идентификаторов программы. Составляется схема алгоритма решения задачи и составляется программа расчета. В схеме алгоритма программы должны быть отражены три основных ветви алгоритма:

1. Разгон на передаче.
2. Переключение передачи.
3. Выбег.

**Допущения и ограничения, принимаемые в модели**

**Допущения:**

1. Ускорение автомобиля на шаге интегрирования постоянно
2. Частота вращения коленчатого вала должна находиться в диапазоне nxx<n<np
3. Крутящий момент двигателя при выбеге равен нулю
4. Радиус качения колеса в процессе движения остаётся постоянным, колесо не деформируется и коэффициент сцепления шины с дорогой равен 0,7 при движении по асфальтированной сухой дороге.

**Ограничения:**

1. Путь разгона не превышает 2000 м
2. Конец разгона принимается при достижении либо максимальной скорости, либо конца участка разгона в 2000 м

**5. Алгоритмизация и программирование**

**Алгоритм расчета математической модели**

Расчет модели производится в приложении Microsoft Office EXCEL:

В поле ячеек А3-J56 вводятся исходные данные для данной модели автомобиля. В поле ячеек A43-j56 производится вычисление используемых в расчетах по следующим формулам: в ячейке Н43 рассчитывается сила сопротивления качению

Ff= m\*g\*f,

в ячейке Н44 рассчитывается сила тяжести автомобиля

Ga=m\*g,

в ячейке Н45 - крутящий момент при максимальной мощности

Mp= 9550\*Nemax/np

Радиус колеса определяется в ячейке Н46 по формуле

Rо = (0,5\*d + H)/1000 Коэффициенты:

Кm=Memax/Mp,

Kn=np/nm,

a=(Kn\*(Km\*Kn-3)+2) / (Kn-1)2,

b=(Kn2\* (3-2\*Km)-1)/(Kn-1)2 ,

c=(Kn2\*(Km-2)+Kn) / (Kn-1)2.

В столбец А начиная с ячейки А64 вводим значения времени с интервалом 0,1 и растягиваем до нужного значения времени. В столбце G вводим значение n=1500, а начиная с ячейки G75 n вычисляем по формуле

n=30\*V\*U1\*U0/(π\*r0),

В столбце H, начиная с ячейки H64 записываем формулу вычисления крутящего момента

Ме=Мз\* (ф+и\*(т.тз)+с(т.тз)2

растягивая данную зависимость на определенное число ячеек получаем нужные значения Ме. В столбце I начиная с ячейки I64 рассчитываем

Алщ=0б9\*Ьу\*Г1\*Г0\*те.к0

Растягиваем данные значения до необходимых для дальнейшего вычисления. В столбце F, начиная с ячейки F64 рассчитываем значения силы лобового сопротивления

Ав=Сч\*Фи\*Иф\*Рф\*М2

Растягивая на необходимое число ячеек данную зависимость получаем необходимые значения силы Fv. В столбце J начиная с ячейки J64 рассчитываем значение динамического фактора по формуле

D= (Fko-FB)/Ga

Аналогично растягивая данную зависимость получаем необходимые значения D. В столбце E, начиная с ячейки E64 рассчитываем значения ускорения

j=(g/d)\*(D-f)

Также данную зависимость растягиваем до необходимого значения. В столбце В в ячейке В64 задаемся начальной скоростью V=0, а начиная с ячейки В65 вычисляем значение скорости по следующей формуле

V=j\*(tn-tn-1)+ Vn-1,

Растягиваем данные значения до необходимых. В столбце D производим вычисление перемещения, предварительно задавшись в ячейке D64 значением начального перемещения S0=0. Начиная с ячейки D65 перемещение вычисляется по формуле

Ыт=Ыт-1+ Мт\*(ет-ет-1)+(от\*(ет-ет-1))2.2ю

Для построения графиков выделяется два необходимых столбца и с помощью встроенного Мастера диаграмм строятся графики требуемых зависимостей.

Алгоритм вычисления разгона

Ввод исходных данных. Ne, Me, np, nm, Vmax,

Fo, Fв, M, v, V, S, t, j, n.



**1.**

**2.**

**3.**

нет

**4.**

**5**. нет



Алгоритм вычисления выбега

Ввод исходных данных. Fo=0, M=0

Fв, v, S, t, j.

V<0,1 км/ч

1

**2**

**3**

нет

**4**

да

**5**

модель разгон выбег автомобиль

**Программа моделирования разгона и выбега**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Исходные данные | | | | | | |
| Автомобиль Mazda626 2,0 16v | | | | | | |
| Максимальная мощность | | | Nemax | | 149,00 | л.с. |
| 109,00 | кВт |
| Обороты при максимальной мощности | | | np | | 6500,00 | об/мин |
| Максимальный крутящий момент | | | Memax | | 186,00 | Нм |
| Обороты при максимальном крутящем моменте | | | nm | | 4000,00 | об/мин |
| Посадочный диаметр колеса | | | d | | 16,00 | inch |
| 406,40 | мм |
| Ширина шины | | | B | | 205,00 | мм |
| Высота профиля шин | | | H | | 30,00 | % |
| 79,50 | мм |
| Коэффициент сопротивления качению | | | f | | 0,01 |  |
| КПД трансмиссии (0.8-0.92) | | | nt | | 0,92 |  |
| Число передач | | | nper | | 5,00 |  |
| Передаточное отношение 1 передачи | | | U | | 3,31 |  |
| Передаточное отношение 2 передачи | | | 1,84 |  |
| Передаточное отношение 3 передачи | | | 1,31 |  |
| Передаточное отношение 4 передачи | | | 1,03 |  |
| Передаточное отношение 5 передачи | | | 0,84 |  |
| Передаточное отношение главной передачи | | | Uo | | 4,10 |  |
| Коэффициент учета вращающих масс | | |  | | б |  |
| при выключении передач и выбеге | | | 1,03 | |  |
| 1-ая передача | | | 1,47 | |  |
| 2-ая передача | | | 1,16 | |  |
| 3-ая передача | | | 1,10 | |  |
| 4-ая передача | | | 1,07 | |  |
| 5-ая передача | | | 1,06 | |  |
| Коэффициент обтекаемости | | | Kb | | 0,26 |  |
| Площадь поперечного сечения автомобиля | | | Ab | | 1,61 |  |
| Кэффициент заполнения площади | | | a | | 0,70 |  |
| Габаритная ширина | | | Ba | | 1,69 | м |
| Габаритная высота | | | Ha | | 1,36 | м |
| Масса | | | m | | 1160,00 | кг |
| Частота вращения на холостом ходу | | | nxx | | 900,00 | об/мин |
| Ускорение свободного падения | | | g | | 9,82 | м/с2 |
| Промежуточные вычисления | | | | | |  |
| Сила сопротивления качению | | Ff | | 113,91 | Н |  |
| Сила тяжести автомобиля | | Ga | | 11391,20 | Н |  |
| Крутящий момент при максимальной мощности | | Mp | | 160,15 | Нм |  |
| Радиус колеса | | r0 | | 0,28 | м |  |
| Коэффициенты | | Kn | | 1,63 |  |  |
| Km | | 1,16 |  |  |
| a | | 0,75 |  |  |
| b | | 1,34 |  |  |
| c | | -1,09 |  |  |
| Максимально допустимые скорости | V1 | 14,18 | | м/с | 51,03 | км/ч |
| V2 | 25,58 | | м/с | 92,08 | км/ч |
| на данной передаче | V3 | 35,80 | | м/с | 128,88 | км/ч |
| V4 | 45,57 | | м/с | 164,04 | км/ч |
| V5 | 56,07 | | м/с | 201,87 | км/ч |

Моделирование разгона и выбега

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| t, с | v, м/с | V, км/ч | s, м | j, м/с2 | , Н | n, мин-1 | Me, Нм | Fo, Н | D | б | Fj |
| 0,00 | 0,000 | 0,000 | 0,000 | 4,003 | 0,00 | 1500 | 160,15 | 6933 | 0,6087 | 1,469 | -4643,833 |
| 0,10 | 0,400 | 1,441 | 0,020 | 4,003 | 0,07 | 1500 | 160,15 | 6933 | 0,6087 | 1,469 | -4643,788 |
| 0,20 | 0,801 | 2,882 | 0,080 | 4,003 | 0,27 | 1500 | 160,15 | 6933 | 0,6086 | 1,469 | -4643,651 |
| 0,30 | 1,201 | 4,323 | 0,180 | 4,003 | 0,60 | 1500 | 160,15 | 6933 | 0,6086 | 1,469 | -4643,422 |
| 0,40 | 1,601 | 5,765 | 0,320 | 4,003 | 1,07 | 1500 | 160,15 | 6933 | 0,6086 | 1,469 | -4643,103 |
| 0,50 | 2,002 | 7,206 | 0,500 | 4,002 | 1,68 | 1500 | 160,15 | 6933 | 0,6085 | 1,469 | -4642,692 |
| 0,60 | 2,402 | 8,646 | 0,721 | 4,002 | 2,41 | 1500 | 160,15 | 6933 | 0,6085 | 1,469 | -4642,190 |
| 0,70 | 2,802 | 10,087 | 0,981 | 4,001 | 3,28 | 1500 | 160,15 | 6933 | 0,6084 | 1,469 | -4641,597 |
| 0,80 | 3,202 | 11,528 | 1,281 | 4,001 | 4,29 | 1500 | 160,15 | 6933 | 0,6083 | 1,469 | -4640,913 |
| 0,90 | 3,602 | 12,968 | 1,621 | 4,000 | 5,43 | 1500 | 160,15 | 6933 | 0,6082 | 1,469 | -4640,137 |
| 1,00 | 4,002 | 14,408 | 2,001 | 3,999 | 6,70 | 1500 | 160,15 | 6933 | 0,6081 | 1,469 | -4639,271 |
| 1,10 | 4,402 | 15,848 | 2,422 | 4,243 | 8,11 | 2019 | 169,76 | 7350 | 0,6445 | 1,469 | -4921,744 |
| 1,20 | 4,826 | 17,375 | 2,883 | 4,319 | 9,74 | 2213 | 172,79 | 7481 | 0,6559 | 1,469 | -5010,039 |
| 1,30 | 5,258 | 18,930 | 3,387 | 4,388 | 11,57 | 2411 | 175,56 | 7601 | 0,6662 | 1,469 | -5090,330 |
| 1,40 | 5,697 | 20,510 | 3,935 | 4,450 | 13,58 | 2612 | 178,04 | 7708 | 0,6755 | 1,469 | -5162,001 |
| 1,50 | 6,142 | 22,112 | 4,527 | 4,504 | 15,78 | 2816 | 180,21 | 7802 | 0,6835 | 1,469 | -5224,483 |
| 1,60 | 6,593 | 23,733 | 5,164 | 4,549 | 18,18 | 3023 | 182,05 | 7882 | 0,6903 | 1,469 | -5277,265 |
| 1,70 | 7,047 | 25,371 | 5,846 | 4,586 | 20,78 | 3232 | 183,56 | 7947 | 0,6958 | 1,469 | -5319,902 |
| 1,80 | 7,506 | 27,022 | 6,573 | 4,614 | 23,57 | 3442 | 184,71 | 7997 | 0,7000 | 1,469 | -5352,020 |
| 1,90 | 7,967 | 28,683 | 7,347 | 4,632 | 26,55 | 3653 | 185,50 | 8031 | 0,7027 | 1,469 | -5373,327 |
| 2,00 | 8,431 | 30,350 | 8,167 | 4,641 | 29,73 | 3866 | 185,93 | 8050 | 0,7040 | 1,469 | -5383,613 |
| 2,10 | 8,895 | 32,021 | 9,033 | 4,640 | 33,10 | 4079 | 185,97 | 8052 | 0,7039 | 1,469 | -5382,760 |
| 2,20 | 9,359 | 33,692 | 9,946 | 4,630 | 36,64 | 4291 | 185,65 | 8038 | 0,7024 | 1,469 | -5370,740 |
| 2,30 | 9,822 | 35,358 | 10,905 | 4,610 | 40,35 | 4504 | 184,95 | 8007 | 0,6994 | 1,469 | -5347,619 |
| 2,40 | 10,283 | 37,018 | 11,910 | 4,581 | 44,23 | 4715 | 183,88 | 7961 | 0,6950 | 1,469 | -5313,552 |
| 2,50 | 10,741 | 38,667 | 12,961 | 4,542 | 48,26 | 4925 | 182,46 | 7899 | 0,6892 | 1,469 | -5268,787 |
| 2,60 | 11,195 | 40,302 | 14,058 | 4,495 | 52,43 | 5134 | 180,68 | 7823 | 0,6821 | 1,469 | -5213,655 |
| 2,70 | 11,645 | 41,920 | 15,200 | 4,438 | 56,72 | 5340 | 178,58 | 7731 | 0,6737 | 1,469 | -5148,570 |
| 2,80 | 12,088 | 43,518 | 16,387 | 4,374 | 61,13 | 5543 | 176,15 | 7626 | 0,6641 | 1,469 | -5074,017 |
| 2,90 | 12,526 | 45,093 | 17,618 | 4,302 | 65,63 | 5744 | 173,42 | 7508 | 0,6534 | 1,469 | -4990,548 |
| 3,00 | 12,956 | 46,642 | 18,892 | 4,223 | 70,22 | 5941 | 170,42 | 7378 | 0,6415 | 1,469 | -4898,775 |
| 3,10 | 13,378 | 48,162 | 20,208 | 4,137 | 74,87 | 6135 | 167,15 | 7237 | 0,6287 | 1,469 | -4799,354 |
| 3,20 | 13,369 | 48,128 | 21,545 | -0,158 | 74,76 | 6450 | 0,00 | 0 | -0,0066 | 1,030 | 183,178 |
| 3,30 | 13,359 | 48,093 | 22,881 | -0,158 | 74,66 | 6160 | 0,00 | 0 | -0,0066 | 1,030 | 183,075 |
| 3,40 | 13,350 | 48,059 | 24,216 | -0,158 | 74,55 | 5870 | 0,00 | 0 | -0,0065 | 1,030 | 182,972 |
| 3,50 | 13,340 | 48,025 | 25,550 | -0,158 | 74,44 | 5580 | 0,00 | 0 | -0,0065 | 1,030 | 182,868 |
| 3,60 | 13,331 | 47,990 | 26,883 | -0,158 | 74,34 | 5290 | 0,00 | 0 | -0,0065 | 1,030 | 182,765 |
| 3,70 | 13,321 | 47,956 | 28,215 | -0,157 | 74,23 | 5000 | 0,00 | 0 | -0,0065 | 1,030 | 182,662 |
| 3,80 | 13,312 | 47,922 | 29,546 | -0,157 | 74,12 | 4710 | 0,00 | 0 | -0,0065 | 1,030 | 182,559 |
| 3,90 | 13,302 | 47,887 | 30,877 | -0,157 | 74,02 | 4420 | 0,00 | 0 | -0,0065 | 1,030 | 182,456 |
| 4,00 | 13,292 | 47,853 | 32,206 | -0,157 | 73,91 | 4130 | 0,00 | 0 | -0,0065 | 1,030 | 182,353 |
| 4,10 | 13,283 | 47,819 | 33,534 | -0,157 | 73,81 | 3840 | 0,00 | 0 | -0,0065 | 1,030 | 182,250 |
| 4,20 | 13,273 | 47,784 | 34,862 | -0,157 | 73,70 | 3550 | 0,00 | 0 | -0,0065 | 1,030 | 182,147 |
| 4,30 | 13,258 | 47,728 | 36,188 | 3,135 | 73,53 | 3369 | 184,35 | 4423 | 0,3819 | 1,165 | -3637,035 |
| 4,40 | 13,571 | 48,857 | 37,530 | 3,140 | 77,04 | 3449 | 184,74 | 4433 | 0,3824 | 1,165 | -3642,039 |
| 4,50 | 13,885 | 49,987 | 38,902 | 3,143 | 80,65 | 3529 | 185,08 | 4441 | 0,3828 | 1,165 | -3645,895 |
| 4,60 | 14,200 | 51,118 | 40,307 | 3,145 | 84,34 | 3609 | 185,37 | 4448 | 0,3830 | 1,165 | -3648,596 |
| 4,70 | 14,514 | 52,251 | 41,742 | 3,147 | 88,12 | 3689 | 185,60 | 4453 | 0,3832 | 1,165 | -3650,141 |
| 4,80 | 14,829 | 53,383 | 43,209 | 3,147 | 91,98 | 3769 | 185,78 | 4458 | 0,3832 | 1,165 | -3650,525 |
| 4,90 | 15,143 | 54,516 | 44,708 | 3,146 | 95,93 | 3848 | 185,91 | 4461 | 0,3832 | 1,165 | -3649,747 |
| 5,00 | 15,458 | 55,649 | 46,238 | 3,145 | 99,96 | 3928 | 185,98 | 4462 | 0,3830 | 1,165 | -3647,809 |
| 5,10 | 15,773 | 56,781 | 47,800 | 3,142 | 104,06 | 4008 | 186,00 | 4463 | 0,3827 | 1,165 | -3644,712 |
| 5,20 | 16,087 | 57,912 | 49,393 | 3,138 | 108,25 | 4088 | 185,97 | 4462 | 0,3822 | 1,165 | -3640,460 |
| 5,30 | 16,401 | 59,042 | 51,017 | 3,134 | 112,52 | 4168 | 185,88 | 4460 | 0,3817 | 1,165 | -3635,057 |
| 5,40 | 16,714 | 60,170 | 52,673 | 3,128 | 116,86 | 4248 | 185,75 | 4457 | 0,3810 | 1,165 | -3628,509 |
| 5,50 | 17,027 | 61,296 | 54,360 | 3,121 | 121,27 | 4327 | 185,56 | 4452 | 0,3802 | 1,165 | -3620,825 |
| 5,60 | 17,339 | 62,420 | 56,078 | 3,114 | 125,76 | 4406 | 185,32 | 4447 | 0,3793 | 1,165 | -3612,014 |
| 5,70 | 17,650 | 63,541 | 57,827 | 3,105 | 130,32 | 4486 | 185,02 | 4440 | 0,3783 | 1,165 | -3602,086 |
| 5,80 | 17,961 | 64,659 | 59,608 | 3,096 | 134,94 | 4564 | 184,68 | 4431 | 0,3772 | 1,165 | -3591,052 |
| 5,90 | 18,270 | 65,773 | 61,420 | 3,085 | 139,63 | 4643 | 184,29 | 4422 | 0,3759 | 1,165 | -3578,927 |
| 6,00 | 18,579 | 66,884 | 63,262 | 3,074 | 144,39 | 4722 | 183,85 | 4411 | 0,3746 | 1,165 | -3565,725 |
| 6,10 | 18,886 | 67,991 | 65,135 | 3,062 | 149,21 | 4800 | 183,35 | 4399 | 0,3731 | 1,165 | -3551,462 |
| 6,20 | 19,192 | 69,093 | 67,039 | 3,048 | 154,08 | 4877 | 182,81 | 4387 | 0,3716 | 1,165 | -3536,154 |
| 6,30 | 19,497 | 70,190 | 68,974 | 3,034 | 159,02 | 4955 | 182,23 | 4372 | 0,3699 | 1,165 | -3519,820 |
| 6,40 | 19,801 | 71,283 | 70,939 | 3,019 | 164,01 | 5032 | 181,59 | 4357 | 0,3681 | 1,165 | -3502,479 |
| 6,50 | 20,103 | 72,370 | 72,934 | 3,004 | 169,05 | 5109 | 180,91 | 4341 | 0,3662 | 1,165 | -3484,152 |
| 6,60 | 20,403 | 73,451 | 74,959 | 2,987 | 174,13 | 5185 | 180,19 | 4324 | 0,3643 | 1,165 | -3464,861 |
| 6,70 | 20,702 | 74,526 | 77,014 | 2,970 | 179,27 | 5261 | 179,42 | 4305 | 0,3622 | 1,165 | -3444,627 |
| 6,80 | 20,999 | 75,595 | 79,099 | 2,951 | 184,45 | 5337 | 178,61 | 4286 | 0,3600 | 1,165 | -3423,474 |
| 6,90 | 21,294 | 76,658 | 81,214 | 2,932 | 189,67 | 5412 | 177,76 | 4265 | 0,3578 | 1,165 | -3401,427 |
| 7,00 | 21,587 | 77,713 | 83,358 | 2,913 | 194,93 | 5486 | 176,87 | 4244 | 0,3554 | 1,165 | -3378,510 |
| 7,10 | 21,878 | 78,762 | 85,531 | 2,892 | 200,23 | 5560 | 175,93 | 4221 | 0,3530 | 1,165 | -3354,749 |
| 7,20 | 22,167 | 79,803 | 87,734 | 2,871 | 205,56 | 5634 | 174,96 | 4198 | 0,3505 | 1,165 | -3330,171 |
| 7,30 | 22,455 | 80,836 | 89,965 | 2,849 | 210,91 | 5706 | 173,95 | 4174 | 0,3479 | 1,165 | -3304,804 |
| 7,40 | 22,739 | 81,862 | 92,224 | 2,826 | 216,30 | 5779 | 172,91 | 4149 | 0,3452 | 1,165 | -3278,674 |
| 7,50 | 23,022 | 82,880 | 94,512 | 2,803 | 221,71 | 5851 | 171,83 | 4123 | 0,3425 | 1,165 | -3251,810 |
| 7,60 | 23,302 | 83,889 | 96,829 | 2,780 | 227,14 | 5922 | 170,72 | 4096 | 0,3397 | 1,165 | -3224,241 |
| 7,70 | 23,580 | 84,889 | 99,173 | 2,755 | 232,59 | 5993 | 169,58 | 4069 | 0,3368 | 1,165 | -3195,996 |
| 7,80 | 23,856 | 85,881 | 101,545 | 2,730 | 238,06 | 6063 | 168,40 | 4041 | 0,3338 | 1,165 | -3167,104 |
| 7,90 | 24,129 | 86,864 | 103,944 | 2,705 | 243,54 | 6132 | 167,20 | 4012 | 0,3308 | 1,165 | -3137,596 |
| 8,00 | 24,399 | 87,838 | 106,370 | 2,679 | 249,03 | 6201 | 165,97 | 3982 | 0,3277 | 1,165 | -3107,500 |
| 8,10 | 24,667 | 88,802 | 108,824 | 2,652 | 254,53 | 6269 | 164,71 | 3952 | 0,3246 | 1,165 | -3076,848 |
| 8,20 | 24,933 | 89,757 | 111,304 | 2,626 | 260,03 | 6336 | 163,42 | 3921 | 0,3214 | 1,165 | -3045,668 |
| 8,30 | 25,195 | 90,702 | 113,810 | 2,598 | 265,54 | 6403 | 162,11 | 3890 | 0,3182 | 1,165 | -3013,992 |
| 8,40 | 25,186 | 90,668 | 116,328 | -0,317 | 265,34 | 6450 | 0,00 | 0 | -0,0233 | 1,030 | 368,204 |
| 8,50 | 25,176 | 90,634 | 118,846 | -0,317 | 265,14 | 6170 | 0,00 | 0 | -0,0233 | 1,030 | 368,009 |
| 8,60 | 25,166 | 90,599 | 121,363 | -0,317 | 264,94 | 5890 | 0,00 | 0 | -0,0233 | 1,030 | 367,814 |
| 8,70 | 25,157 | 90,565 | 123,878 | -0,317 | 264,74 | 5610 | 0,00 | 0 | -0,0232 | 1,030 | 367,619 |
| 8,80 | 25,147 | 90,531 | 126,393 | -0,317 | 264,54 | 5330 | 0,00 | 0 | -0,0232 | 1,030 | 367,425 |
| 8,90 | 25,138 | 90,496 | 128,907 | -0,317 | 264,33 | 5050 | 0,00 | 0 | -0,0232 | 1,030 | 367,230 |
| 9,00 | 25,128 | 90,462 | 131,420 | -0,316 | 264,13 | 4770 | 0,00 | 0 | -0,0232 | 1,030 | 367,035 |
| 9,10 | 25,119 | 90,428 | 133,932 | -0,316 | 263,93 | 4490 | 0,00 | 0 | -0,0232 | 1,030 | 366,841 |
| 9,20 | 25,109 | 90,393 | 136,443 | -0,316 | 263,73 | 4210 | 0,00 | 0 | -0,0232 | 1,030 | 366,646 |
| 9,30 | 25,100 | 90,359 | 138,953 | -0,316 | 263,53 | 3930 | 0,00 | 0 | -0,0231 | 1,030 | 366,452 |
| 9,40 | 25,090 | 90,325 | 141,462 | -0,316 | 263,33 | 3650 | 0,00 | 0 | -0,0231 | 1,030 | 366,257 |
| 9,50 | 25,059 | 90,211 | 143,969 | 3,002 | 262,67 | 4550 | 184,75 | 4433 | 0,3661 | 1,165 | -3482,781 |
| 9,60 | 25,359 | 91,292 | 146,490 | 2,181 | 269,00 | 4604 | 184,49 | 3163 | 0,2540 | 1,099 | -2529,877 |
| 9,70 | 25,577 | 92,077 | 149,037 | 2,175 | 273,65 | 4644 | 184,29 | 3159 | 0,2533 | 1,099 | -2522,458 |
| 9,80 | 25,794 | 92,860 | 151,605 | 2,168 | 278,32 | 4683 | 184,07 | 3155 | 0,2526 | 1,099 | -2514,823 |
| 9,90 | 26,011 | 93,640 | 154,196 | 2,161 | 283,02 | 4723 | 183,84 | 3151 | 0,2518 | 1,099 | -2506,975 |
| 10,00 | 26,227 | 94,418 | 156,807 | 2,154 | 287,74 | 4762 | 183,60 | 3147 | 0,2510 | 1,099 | -2498,917 |
| 10,10 | 26,443 | 95,194 | 159,441 | 2,147 | 292,49 | 4801 | 183,35 | 3143 | 0,2502 | 1,099 | -2490,652 |
| 10,20 | 26,657 | 95,967 | 162,096 | 2,140 | 297,26 | 4840 | 183,08 | 3138 | 0,2494 | 1,099 | -2482,182 |
| 10,30 | 26,871 | 96,737 | 164,772 | 2,132 | 302,05 | 4879 | 182,80 | 3134 | 0,2486 | 1,099 | -2473,511 |
| 10,40 | 27,085 | 97,505 | 167,470 | 2,125 | 306,86 | 4918 | 182,52 | 3129 | 0,2477 | 1,099 | -2464,642 |
| 10,50 | 27,297 | 98,270 | 170,189 | 2,117 | 311,70 | 4956 | 182,22 | 3124 | 0,2469 | 1,099 | -2455,578 |
| 10,60 | 27,509 | 99,032 | 172,930 | 2,109 | 316,55 | 4995 | 181,91 | 3118 | 0,2460 | 1,099 | -2446,322 |
| 10,70 | 27,720 | 99,791 | 175,691 | 2,101 | 321,42 | 5033 | 181,59 | 3113 | 0,2451 | 1,099 | -2436,877 |
| 10,80 | 27,930 | 100,547 | 178,474 | 2,092 | 326,31 | 5071 | 181,25 | 3107 | 0,2441 | 1,099 | -2427,247 |
| 10,90 | 28,139 | 101,301 | 181,277 | 2,084 | 331,22 | 5109 | 180,91 | 3101 | 0,2432 | 1,099 | -2417,434 |
| 11,00 | 28,347 | 102,051 | 184,101 | 2,075 | 336,14 | 5147 | 180,56 | 3095 | 0,2422 | 1,099 | -2407,444 |
| 11,10 | 28,555 | 102,798 | 186,946 | 2,067 | 341,08 | 5185 | 180,20 | 3089 | 0,2412 | 1,099 | -2397,278 |
| 11,20 | 28,762 | 103,542 | 189,812 | 2,058 | 346,04 | 5222 | 179,82 | 3083 | 0,2402 | 1,099 | -2386,940 |
| 11,30 | 28,967 | 104,283 | 192,699 | 2,049 | 351,01 | 5259 | 179,44 | 3076 | 0,2392 | 1,099 | -2376,434 |
| 11,40 | 29,172 | 105,020 | 195,606 | 2,039 | 355,99 | 5297 | 179,04 | 3069 | 0,2382 | 1,099 | -2365,763 |
| 11,50 | 29,376 | 105,754 | 198,533 | 2,030 | 360,98 | 5334 | 178,64 | 3062 | 0,2371 | 1,099 | -2354,931 |
| 11,60 | 29,579 | 106,485 | 201,481 | 2,021 | 365,99 | 5371 | 178,23 | 3055 | 0,2361 | 1,099 | -2343,941 |
| 11,70 | 29,781 | 107,213 | 204,449 | 2,011 | 371,01 | 5407 | 177,81 | 3048 | 0,2350 | 1,099 | -2332,797 |
| 11,80 | 29,982 | 107,937 | 207,437 | 2,001 | 376,04 | 5444 | 177,38 | 3041 | 0,2339 | 1,099 | -2321,503 |
| 11,90 | 30,183 | 108,657 | 210,445 | 1,991 | 381,07 | 5480 | 176,94 | 3033 | 0,2328 | 1,099 | -2310,062 |
| 12,00 | 30,382 | 109,374 | 213,474 | 1,981 | 386,12 | 5516 | 176,49 | 3025 | 0,2317 | 1,099 | -2298,478 |
| 12,10 | 30,580 | 110,087 | 216,522 | 1,971 | 391,17 | 5552 | 176,03 | 3018 | 0,2306 | 1,099 | -2286,755 |
| 12,20 | 30,777 | 110,797 | 219,589 | 1,961 | 396,23 | 5588 | 175,57 | 3010 | 0,2294 | 1,099 | -2274,896 |
| 12,30 | 30,973 | 111,503 | 222,677 | 1,951 | 401,30 | 5624 | 175,10 | 3002 | 0,2283 | 1,099 | -2262,905 |
| 12,40 | 31,168 | 112,205 | 225,784 | 1,940 | 406,37 | 5659 | 174,61 | 2993 | 0,2271 | 1,099 | -2250,786 |
| 12,50 | 31,362 | 112,904 | 228,911 | 1,930 | 411,44 | 5694 | 174,13 | 2985 | 0,2259 | 1,099 | -2238,542 |
| 12,60 | 31,555 | 113,599 | 232,056 | 1,919 | 416,52 | 5729 | 173,63 | 2976 | 0,2247 | 1,099 | -2226,178 |
| 12,70 | 31,747 | 114,289 | 235,222 | 1,908 | 421,60 | 5764 | 173,13 | 2968 | 0,2235 | 1,099 | -2213,697 |
| 12,80 | 31,938 | 114,976 | 238,406 | 1,898 | 426,69 | 5799 | 172,62 | 2959 | 0,2223 | 1,099 | -2201,102 |
| 12,90 | 32,128 | 115,660 | 241,609 | 1,887 | 431,77 | 5833 | 172,10 | 2950 | 0,2211 | 1,099 | -2188,398 |
| 13,00 | 32,316 | 116,339 | 244,831 | 1,876 | 436,86 | 5868 | 171,57 | 2941 | 0,2198 | 1,099 | -2175,589 |
| 13,10 | 32,504 | 117,014 | 248,072 | 1,864 | 441,94 | 5902 | 171,04 | 2932 | 0,2186 | 1,099 | -2162,677 |
| 13,20 | 32,690 | 117,685 | 251,332 | 1,853 | 447,03 | 5935 | 170,50 | 2923 | 0,2173 | 1,099 | -2149,667 |
| 13,30 | 32,876 | 118,352 | 254,610 | 1,842 | 452,11 | 5969 | 169,96 | 2914 | 0,2161 | 1,099 | -2136,562 |
| 13,40 | 33,060 | 119,015 | 257,907 | 1,830 | 457,19 | 6003 | 169,41 | 2904 | 0,2148 | 1,099 | -2123,367 |
| 13,50 | 33,243 | 119,674 | 261,222 | 1,819 | 462,27 | 6036 | 168,86 | 2895 | 0,2135 | 1,099 | -2110,085 |
| 13,60 | 33,425 | 120,329 | 264,556 | 1,808 | 467,34 | 6069 | 168,30 | 2885 | 0,2122 | 1,099 | -2096,719 |
| 13,70 | 33,606 | 120,980 | 267,907 | 1,796 | 472,41 | 6102 | 167,73 | 2875 | 0,2109 | 1,099 | -2083,273 |
| 13,80 | 33,785 | 121,626 | 271,277 | 1,784 | 477,47 | 6134 | 167,16 | 2866 | 0,2096 | 1,099 | -2069,751 |
| 13,90 | 33,964 | 122,269 | 274,664 | 1,773 | 482,53 | 6167 | 166,58 | 2856 | 0,2083 | 1,099 | -2056,157 |
| 14,00 | 34,141 | 122,907 | 278,069 | 1,761 | 487,58 | 6199 | 166,00 | 2846 | 0,2070 | 1,099 | -2042,494 |
| 14,10 | 34,317 | 123,541 | 281,492 | 1,749 | 492,62 | 6231 | 165,42 | 2836 | 0,2057 | 1,099 | -2028,766 |
| 14,20 | 34,492 | 124,170 | 284,933 | 1,737 | 497,65 | 6262 | 164,83 | 2826 | 0,2044 | 1,099 | -2014,976 |
| 14,30 | 34,665 | 124,796 | 288,390 | 1,725 | 502,68 | 6294 | 164,23 | 2815 | 0,2030 | 1,099 | -2001,127 |
| 14,40 | 34,838 | 125,417 | 291,866 | 1,713 | 507,69 | 6325 | 163,63 | 2805 | 0,2017 | 1,099 | -1987,225 |
| 14,50 | 35,009 | 126,033 | 295,358 | 1,701 | 512,70 | 6356 | 163,03 | 2795 | 0,2003 | 1,099 | -1973,271 |
| 14,60 | 35,179 | 126,646 | 298,867 | 1,689 | 517,69 | 6387 | 162,42 | 2784 | 0,1990 | 1,099 | -1959,269 |
| 14,70 | 35,348 | 127,254 | 302,394 | 1,677 | 522,68 | 6418 | 161,81 | 2774 | 0,1976 | 1,099 | -1945,223 |
| 14,80 | 35,339 | 127,220 | 305,928 | -0,533 | 522,40 | 6450 | 0,00 | 0 | -0,0459 | 1,030 | 617,775 |
| 14,90 | 35,329 | 127,185 | 309,461 | -0,532 | 522,11 | 6285 | 0,00 | 0 | -0,0458 | 1,030 | 617,501 |
| 15,00 | 35,320 | 127,151 | 312,993 | -0,532 | 521,83 | 6120 | 0,00 | 0 | -0,0458 | 1,030 | 617,227 |
| 15,10 | 35,310 | 127,117 | 316,524 | -0,532 | 521,55 | 5955 | 0,00 | 0 | -0,0458 | 1,030 | 616,954 |
| 15,20 | 35,301 | 127,082 | 320,054 | -0,532 | 521,27 | 5790 | 0,00 | 0 | -0,0458 | 1,030 | 616,680 |
| 15,30 | 35,291 | 127,048 | 323,583 | -0,531 | 520,99 | 5625 | 0,00 | 0 | -0,0457 | 1,030 | 616,407 |
| 15,40 | 35,282 | 127,014 | 327,111 | -0,531 | 520,71 | 5460 | 0,00 | 0 | -0,0457 | 1,030 | 616,134 |
| 15,50 | 35,272 | 126,979 | 330,638 | -0,531 | 520,42 | 5295 | 0,00 | 0 | -0,0457 | 1,030 | 615,861 |
| 15,60 | 35,262 | 126,945 | 334,164 | -0,531 | 520,14 | 5130 | 0,00 | 0 | -0,0457 | 1,030 | 615,588 |
| 15,70 | 35,253 | 126,911 | 337,690 | -0,530 | 519,86 | 4965 | 0,00 | 0 | -0,0456 | 1,030 | 615,315 |
| 15,80 | 35,243 | 126,876 | 341,214 | -0,530 | 519,58 | 4800 | 0,00 | 0 | -0,0456 | 1,030 | 615,042 |
| 15,90 | 35,190 | 126,685 | 344,736 | 1,459 | 518,02 | 5020 | 181,70 | 2447 | 0,1694 | 1,072 | -1692,600 |
| 16,00 | 35,336 | 127,211 | 348,262 | 1,454 | 522,32 | 5041 | 181,52 | 2445 | 0,1688 | 1,072 | -1686,358 |
| 16,10 | 35,482 | 127,734 | 351,803 | 1,448 | 526,63 | 5061 | 181,34 | 2442 | 0,1682 | 1,072 | -1680,078 |
| 16,20 | 35,627 | 128,255 | 355,358 | 1,443 | 530,94 | 5082 | 181,16 | 2440 | 0,1676 | 1,072 | -1673,760 |
| 16,30 | 35,771 | 128,775 | 358,928 | 1,437 | 535,25 | 5103 | 180,97 | 2437 | 0,1670 | 1,072 | -1667,406 |
| 16,40 | 35,915 | 129,292 | 362,512 | 1,432 | 539,56 | 5123 | 180,78 | 2435 | 0,1664 | 1,072 | -1661,016 |
| 16,50 | 36,058 | 129,808 | 366,111 | 1,426 | 543,87 | 5144 | 180,59 | 2432 | 0,1658 | 1,072 | -1654,591 |
| 16,60 | 36,200 | 130,321 | 369,724 | 1,421 | 548,18 | 5164 | 180,40 | 2430 | 0,1652 | 1,072 | -1648,132 |
| 16,70 | 36,342 | 130,833 | 373,351 | 1,415 | 552,49 | 5184 | 180,20 | 2427 | 0,1646 | 1,072 | -1641,639 |
| 16,80 | 36,484 | 131,342 | 376,992 | 1,410 | 556,80 | 5204 | 180,00 | 2424 | 0,1639 | 1,072 | -1635,114 |
| 16,90 | 36,625 | 131,850 | 380,648 | 1,404 | 561,11 | 5224 | 179,80 | 2422 | 0,1633 | 1,072 | -1628,557 |
| 17,00 | 36,765 | 132,355 | 384,317 | 1,398 | 565,42 | 5245 | 179,59 | 2419 | 0,1627 | 1,072 | -1621,970 |
| 17,10 | 36,905 | 132,859 | 388,001 | 1,393 | 569,73 | 5264 | 179,39 | 2416 | 0,1621 | 1,072 | -1615,352 |
| 17,20 | 37,044 | 133,360 | 391,698 | 1,387 | 574,04 | 5284 | 179,18 | 2413 | 0,1615 | 1,072 | -1608,705 |
| 17,30 | 37,183 | 133,859 | 395,410 | 1,381 | 578,35 | 5304 | 178,96 | 2410 | 0,1608 | 1,072 | -1602,030 |
| 17,40 | 37,321 | 134,356 | 399,135 | 1,375 | 582,65 | 5324 | 178,75 | 2407 | 0,1602 | 1,072 | -1595,327 |
| 17,50 | 37,459 | 134,851 | 402,874 | 1,369 | 586,95 | 5343 | 178,53 | 2405 | 0,1596 | 1,072 | -1588,597 |
| 17,60 | 37,596 | 135,344 | 406,627 | 1,364 | 591,25 | 5363 | 178,32 | 2402 | 0,1589 | 1,072 | -1581,841 |
| 17,70 | 37,732 | 135,835 | 410,393 | 1,358 | 595,55 | 5382 | 178,09 | 2399 | 0,1583 | 1,072 | -1575,060 |
| 17,80 | 37,868 | 136,324 | 414,173 | 1,352 | 599,84 | 5402 | 177,87 | 2396 | 0,1576 | 1,072 | -1568,255 |
| 17,90 | 38,003 | 136,811 | 417,967 | 1,346 | 604,13 | 5421 | 177,65 | 2393 | 0,1570 | 1,072 | -1561,426 |
| 18,00 | 38,138 | 137,295 | 421,774 | 1,340 | 608,42 | 5440 | 177,42 | 2390 | 0,1564 | 1,072 | -1554,574 |
| 18,10 | 38,272 | 137,778 | 425,594 | 1,334 | 612,70 | 5459 | 177,19 | 2386 | 0,1557 | 1,072 | -1547,700 |
| 18,20 | 38,405 | 138,258 | 429,428 | 1,328 | 616,98 | 5478 | 176,96 | 2383 | 0,1551 | 1,072 | -1540,805 |
| 18,30 | 38,538 | 138,736 | 433,275 | 1,322 | 621,26 | 5497 | 176,73 | 2380 | 0,1544 | 1,072 | -1533,889 |
| 18,40 | 38,670 | 139,212 | 437,136 | 1,316 | 625,53 | 5516 | 176,49 | 2377 | 0,1538 | 1,072 | -1526,954 |
| 18,50 | 38,802 | 139,686 | 441,009 | 1,310 | 629,80 | 5535 | 176,25 | 2374 | 0,1531 | 1,072 | -1520,000 |
| 18,60 | 38,933 | 140,158 | 444,896 | 1,304 | 634,06 | 5554 | 176,01 | 2371 | 0,1524 | 1,072 | -1513,028 |
| 18,70 | 39,063 | 140,628 | 448,796 | 1,298 | 638,31 | 5572 | 175,77 | 2367 | 0,1518 | 1,072 | -1506,038 |
| 18,80 | 39,193 | 141,095 | 452,708 | 1,292 | 642,56 | 5591 | 175,53 | 2364 | 0,1511 | 1,072 | -1499,032 |
| 18,90 | 39,322 | 141,560 | 456,634 | 1,286 | 646,81 | 5609 | 175,29 | 2361 | 0,1505 | 1,072 | -1492,009 |
| 19,00 | 39,451 | 142,023 | 460,573 | 1,280 | 651,04 | 5628 | 175,04 | 2357 | 0,1498 | 1,072 | -1484,972 |
| 19,10 | 39,579 | 142,484 | 464,524 | 1,274 | 655,28 | 5646 | 174,79 | 2354 | 0,1491 | 1,072 | -1477,921 |
| 19,20 | 39,706 | 142,943 | 468,489 | 1,268 | 659,50 | 5664 | 174,55 | 2351 | 0,1485 | 1,072 | -1470,855 |
| 19,30 | 39,833 | 143,399 | 472,466 | 1,262 | 663,72 | 5682 | 174,30 | 2347 | 0,1478 | 1,072 | -1463,777 |
| 19,40 | 39,959 | 143,854 | 476,455 | 1,256 | 667,93 | 5700 | 174,04 | 2344 | 0,1471 | 1,072 | -1456,687 |
| 19,50 | 40,085 | 144,306 | 480,457 | 1,250 | 672,14 | 5718 | 173,79 | 2341 | 0,1465 | 1,072 | -1449,586 |
| 19,60 | 40,210 | 144,755 | 484,472 | 1,244 | 676,34 | 5736 | 173,54 | 2337 | 0,1458 | 1,072 | -1442,473 |
| 19,70 | 40,334 | 145,203 | 488,499 | 1,237 | 680,52 | 5754 | 173,28 | 2334 | 0,1451 | 1,072 | -1435,351 |
| 19,80 | 40,458 | 145,649 | 492,539 | 1,231 | 684,71 | 5771 | 173,02 | 2330 | 0,1445 | 1,072 | -1428,219 |
| 19,90 | 40,581 | 146,092 | 496,591 | 1,225 | 688,88 | 5789 | 172,76 | 2327 | 0,1438 | 1,072 | -1421,079 |
| 20,00 | 40,704 | 146,533 | 500,655 | 1,219 | 693,05 | 5806 | 172,50 | 2323 | 0,1431 | 1,072 | -1413,931 |
| 20,10 | 40,825 | 146,972 | 504,732 | 1,213 | 697,20 | 5824 | 172,24 | 2320 | 0,1424 | 1,072 | -1406,776 |
| 20,20 | 40,947 | 147,408 | 508,820 | 1,207 | 701,35 | 5841 | 171,98 | 2316 | 0,1418 | 1,072 | -1399,615 |
| 20,30 | 41,067 | 147,843 | 512,921 | 1,200 | 705,49 | 5858 | 171,72 | 2313 | 0,1411 | 1,072 | -1392,447 |
| 20,40 | 41,187 | 148,275 | 517,034 | 1,194 | 709,62 | 5875 | 171,45 | 2309 | 0,1404 | 1,072 | -1385,275 |
| 20,50 | 41,307 | 148,705 | 521,158 | 1,188 | 713,74 | 5892 | 171,19 | 2306 | 0,1397 | 1,072 | -1378,098 |
| 20,60 | 41,426 | 149,132 | 525,295 | 1,182 | 717,85 | 5909 | 170,92 | 2302 | 0,1391 | 1,072 | -1370,917 |
| 20,70 | 41,544 | 149,558 | 529,443 | 1,176 | 721,96 | 5926 | 170,65 | 2298 | 0,1384 | 1,072 | -1363,734 |
| 20,80 | 41,661 | 149,981 | 533,604 | 1,169 | 726,05 | 5943 | 170,38 | 2295 | 0,1377 | 1,072 | -1356,547 |
| 20,90 | 41,778 | 150,402 | 537,776 | 1,163 | 730,13 | 5960 | 170,12 | 2291 | 0,1370 | 1,072 | -1349,359 |
| 21,00 | 41,895 | 150,821 | 541,959 | 1,157 | 734,20 | 5976 | 169,84 | 2288 | 0,1364 | 1,072 | -1342,170 |
| 21,10 | 42,010 | 151,237 | 546,155 | 1,151 | 738,26 | 5993 | 169,57 | 2284 | 0,1357 | 1,072 | -1334,980 |
| 21,20 | 42,125 | 151,652 | 550,361 | 1,145 | 742,31 | 6009 | 169,30 | 2280 | 0,1350 | 1,072 | -1327,791 |
| 21,30 | 42,240 | 152,064 | 554,580 | 1,138 | 746,35 | 6025 | 169,03 | 2277 | 0,1343 | 1,072 | -1320,602 |
| 21,40 | 42,354 | 152,474 | 558,809 | 1,132 | 750,38 | 6042 | 168,76 | 2273 | 0,1337 | 1,072 | -1313,414 |
| 21,50 | 42,467 | 152,881 | 563,050 | 1,126 | 754,40 | 6058 | 168,48 | 2269 | 0,1330 | 1,072 | -1306,228 |
| 21,60 | 42,580 | 153,287 | 567,303 | 1,120 | 758,40 | 6074 | 168,21 | 2265 | 0,1323 | 1,072 | -1299,045 |
| 21,70 | 42,692 | 153,690 | 571,566 | 1,114 | 762,40 | 6090 | 167,93 | 2262 | 0,1316 | 1,072 | -1291,865 |
| 21,80 | 42,803 | 154,091 | 575,841 | 1,107 | 766,38 | 6106 | 167,66 | 2258 | 0,1309 | 1,072 | -1284,688 |
| 21,90 | 42,914 | 154,489 | 580,127 | 1,101 | 770,35 | 6122 | 167,38 | 2254 | 0,1303 | 1,072 | -1277,516 |
| 22,00 | 43,024 | 154,886 | 584,424 | 1,095 | 774,31 | 6137 | 167,10 | 2251 | 0,1296 | 1,072 | -1270,349 |
| 22,10 | 43,133 | 155,280 | 588,732 | 1,089 | 778,26 | 6153 | 166,83 | 2247 | 0,1289 | 1,072 | -1263,187 |
| 22,20 | 43,242 | 155,672 | 593,050 | 1,083 | 782,19 | 6168 | 166,55 | 2243 | 0,1283 | 1,072 | -1256,031 |
| 22,30 | 43,351 | 156,062 | 597,380 | 1,077 | 786,11 | 6184 | 166,27 | 2239 | 0,1276 | 1,072 | -1248,881 |
| 22,40 | 43,458 | 156,449 | 601,720 | 1,070 | 790,02 | 6199 | 165,99 | 2236 | 0,1269 | 1,072 | -1241,739 |
| 22,50 | 43,565 | 156,835 | 606,072 | 1,064 | 793,92 | 6215 | 165,71 | 2232 | 0,1262 | 1,072 | -1234,604 |
| 22,60 | 43,672 | 157,218 | 610,433 | 1,058 | 797,80 | 6230 | 165,43 | 2228 | 0,1256 | 1,072 | -1227,477 |
| 22,70 | 43,777 | 157,599 | 614,806 | 1,052 | 801,68 | 6245 | 165,16 | 2224 | 0,1249 | 1,072 | -1220,359 |
| 22,80 | 43,883 | 157,978 | 619,189 | 1,046 | 805,53 | 6260 | 164,88 | 2221 | 0,1242 | 1,072 | -1213,250 |
| 22,90 | 43,987 | 158,354 | 623,582 | 1,040 | 809,38 | 6275 | 164,60 | 2217 | 0,1236 | 1,072 | -1206,151 |
| 23,00 | 44,091 | 158,728 | 627,986 | 1,034 | 813,21 | 6290 | 164,32 | 2213 | 0,1229 | 1,072 | -1199,061 |
| 23,10 | 44,195 | 159,101 | 632,401 | 1,028 | 817,03 | 6304 | 164,04 | 2209 | 0,1222 | 1,072 | -1191,983 |
| 23,20 | 44,297 | 159,471 | 636,825 | 1,021 | 820,83 | 6319 | 163,76 | 2205 | 0,1216 | 1,072 | -1184,916 |
| 23,30 | 44,400 | 159,838 | 641,260 | 1,015 | 824,62 | 6334 | 163,47 | 2202 | 0,1209 | 1,072 | -1177,860 |
| 23,40 | 44,501 | 160,204 | 645,705 | 1,009 | 828,40 | 6348 | 163,19 | 2198 | 0,1202 | 1,072 | -1170,816 |
| 23,50 | 44,602 | 160,567 | 650,160 | 1,003 | 832,16 | 6362 | 162,91 | 2194 | 0,1196 | 1,072 | -1163,785 |
| 23,60 | 44,702 | 160,928 | 654,625 | 0,997 | 835,91 | 6377 | 162,63 | 2190 | 0,1189 | 1,072 | -1156,767 |
| 23,70 | 44,802 | 161,287 | 659,101 | 0,991 | 839,64 | 6391 | 162,35 | 2187 | 0,1182 | 1,072 | -1149,762 |
| 23,80 | 44,901 | 161,644 | 663,586 | 0,985 | 843,36 | 6405 | 162,07 | 2183 | 0,1176 | 1,072 | -1142,772 |
| 23,90 | 45,000 | 161,999 | 668,081 | 0,979 | 847,06 | 6419 | 161,79 | 2179 | 0,1169 | 1,072 | -1135,795 |
| 24,00 | 45,098 | 162,351 | 672,586 | 0,973 | 850,75 | 6433 | 161,51 | 2175 | 0,1163 | 1,072 | -1128,833 |
| 24,10 | 45,195 | 162,702 | 677,100 | 0,967 | 854,43 | 6447 | 161,23 | 2171 | 0,1156 | 1,072 | -1121,887 |
| 24,20 | 45,292 | 163,050 | 681,625 | 0,961 | 858,09 | 6461 | 160,95 | 2168 | 0,1150 | 1,072 | -1114,956 |
| 24,30 | 45,388 | 163,396 | 686,159 | 0,955 | 861,74 | 6474 | 160,67 | 2164 | 0,1143 | 1,072 | -1108,041 |
| 24,40 | 45,483 | 163,740 | 690,702 | 0,949 | 865,37 | 6488 | 160,39 | 2160 | 0,1137 | 1,072 | -1101,143 |
| 24,50 | 45,578 | 164,081 | 695,255 | -0,823 | 868,98 | 6450 | 0,00 | 0 | -0,0763 | 1,030 | 954,266 |
| 24,60 | 45,496 | 163,785 | 699,812 | -0,820 | 865,85 | 6280 | 0,00 | 0 | -0,0760 | 1,030 | 951,223 |
| 24,70 | 45,414 | 163,490 | 704,361 | -0,817 | 862,73 | 6110 | 0,00 | 0 | -0,0757 | 1,030 | 948,196 |
| 24,80 | 45,332 | 163,196 | 708,901 | -0,815 | 859,63 | 5940 | 0,00 | 0 | -0,0755 | 1,030 | 945,183 |
| 24,90 | 45,251 | 162,902 | 713,434 | -0,812 | 856,54 | 5770 | 0,00 | 0 | -0,0752 | 1,030 | 942,186 |
| 25,00 | 45,169 | 162,610 | 717,958 | -0,810 | 853,47 | 5600 | 0,00 | 0 | -0,0749 | 1,030 | 939,203 |
| 25,10 | 45,088 | 162,319 | 722,474 | -0,807 | 850,41 | 5430 | 0,00 | 0 | -0,0747 | 1,030 | 936,235 |
| 25,20 | 45,008 | 162,028 | 726,982 | -0,805 | 847,37 | 5260 | 0,00 | 0 | -0,0744 | 1,030 | 933,282 |
| 25,30 | 44,927 | 161,738 | 731,481 | -0,802 | 844,34 | 5090 | 0,00 | 0 | -0,0741 | 1,030 | 930,343 |
| 25,40 | 44,847 | 161,450 | 735,973 | -0,799 | 841,33 | 4920 | 0,00 | 0 | -0,0739 | 1,030 | 927,419 |
| 25,50 | 44,767 | 161,162 | 740,457 | -0,797 | 838,33 | 4750 | 0,00 | 0 | -0,0736 | 1,030 | 924,510 |
| 25,60 | 44,687 | 160,875 | 744,930 | 0,834 | 835,35 | 5180 | 180,24 | 1973 | 0,0998 | 1,058 | -967,247 |
| 25,70 | 44,771 | 161,175 | 749,403 | 0,830 | 838,47 | 5190 | 180,14 | 1972 | 0,0995 | 1,058 | -963,317 |
| 25,80 | 44,854 | 161,474 | 753,884 | 0,827 | 841,58 | 5199 | 180,05 | 1971 | 0,0991 | 1,058 | -959,390 |
| 25,90 | 44,937 | 161,772 | 758,373 | 0,824 | 844,69 | 5209 | 179,95 | 1970 | 0,0987 | 1,058 | -955,466 |
| 26,00 | 45,019 | 162,068 | 762,871 | 0,820 | 847,79 | 5219 | 179,86 | 1968 | 0,0984 | 1,058 | -951,545 |
| 26,10 | 45,101 | 162,364 | 767,377 | 0,817 | 850,88 | 5228 | 179,76 | 1967 | 0,0980 | 1,058 | -947,627 |
| 26,20 | 45,183 | 162,658 | 771,891 | 0,814 | 853,97 | 5238 | 179,66 | 1966 | 0,0977 | 1,058 | -943,712 |
| 26,30 | 45,264 | 162,951 | 776,414 | 0,810 | 857,05 | 5247 | 179,57 | 1965 | 0,0973 | 1,058 | -939,800 |
| 26,40 | 45,345 | 163,242 | 780,944 | 0,807 | 860,12 | 5256 | 179,47 | 1964 | 0,0969 | 1,058 | -935,891 |
| 26,50 | 45,426 | 163,533 | 785,483 | 0,803 | 863,18 | 5266 | 179,37 | 1963 | 0,0966 | 1,058 | -931,987 |
| 26,60 | 45,506 | 163,822 | 790,029 | 0,800 | 866,24 | 5275 | 179,28 | 1962 | 0,0962 | 1,058 | -928,086 |
| 26,70 | 45,586 | 164,110 | 794,584 | 0,797 | 869,28 | 5284 | 179,18 | 1961 | 0,0958 | 1,058 | -924,188 |
| 26,80 | 45,666 | 164,397 | 799,146 | 0,793 | 872,33 | 5294 | 179,08 | 1960 | 0,0955 | 1,058 | -920,295 |
| 26,90 | 45,745 | 164,682 | 803,717 | 0,790 | 875,36 | 5303 | 178,98 | 1959 | 0,0951 | 1,058 | -916,406 |
| 27,00 | 45,824 | 164,967 | 808,295 | 0,787 | 878,39 | 5312 | 178,88 | 1958 | 0,0948 | 1,058 | -912,522 |
| 27,10 | 45,903 | 165,250 | 812,882 | 0,783 | 881,40 | 5321 | 178,78 | 1957 | 0,0944 | 1,058 | -908,641 |
| 27,20 | 45,981 | 165,532 | 817,476 | 0,780 | 884,41 | 5330 | 178,68 | 1956 | 0,0940 | 1,058 | -904,766 |
| 27,30 | 46,059 | 165,813 | 822,078 | 0,777 | 887,42 | 5339 | 178,58 | 1954 | 0,0937 | 1,058 | -900,895 |
| 27,40 | 46,137 | 166,092 | 826,688 | 0,773 | 890,41 | 5348 | 178,48 | 1953 | 0,0933 | 1,058 | -897,029 |
| 27,50 | 46,214 | 166,371 | 831,305 | 0,770 | 893,40 | 5357 | 178,38 | 1952 | 0,0930 | 1,058 | -893,167 |
| 27,60 | 46,291 | 166,648 | 835,931 | 0,767 | 896,38 | 5366 | 178,28 | 1951 | 0,0926 | 1,058 | -889,311 |
| 27,70 | 46,368 | 166,924 | 840,563 | 0,763 | 899,35 | 5375 | 178,18 | 1950 | 0,0922 | 1,058 | -885,460 |
| 27,80 | 46,444 | 167,199 | 845,204 | 0,760 | 902,31 | 5384 | 178,08 | 1949 | 0,0919 | 1,058 | -881,615 |
| 27,90 | 46,520 | 167,472 | 849,852 | 0,757 | 905,27 | 5393 | 177,98 | 1948 | 0,0915 | 1,058 | -877,775 |
| 28,00 | 46,596 | 167,745 | 854,508 | 0,753 | 908,22 | 5401 | 177,88 | 1947 | 0,0912 | 1,058 | -873,940 |
| 28,10 | 46,671 | 168,016 | 859,171 | 0,750 | 911,16 | 5410 | 177,78 | 1946 | 0,0908 | 1,058 | -870,112 |
| 28,20 | 46,746 | 168,286 | 863,842 | 0,747 | 914,09 | 5419 | 177,67 | 1945 | 0,0905 | 1,058 | -866,289 |
| 28,30 | 46,821 | 168,555 | 868,521 | 0,744 | 917,01 | 5427 | 177,57 | 1943 | 0,0901 | 1,058 | -862,472 |
| 28,40 | 46,895 | 168,823 | 873,206 | 0,740 | 919,93 | 5436 | 177,47 | 1942 | 0,0898 | 1,058 | -858,661 |
| 28,50 | 46,969 | 169,089 | 877,900 | 0,737 | 922,83 | 5445 | 177,37 | 1941 | 0,0894 | 1,058 | -854,856 |
| 28,60 | 47,043 | 169,354 | 882,600 | 0,734 | 925,73 | 5453 | 177,26 | 1940 | 0,0890 | 1,058 | -851,058 |
| 28,70 | 47,116 | 169,618 | 887,308 | 0,730 | 928,62 | 5462 | 177,16 | 1939 | 0,0887 | 1,058 | -847,266 |
| 28,80 | 47,189 | 169,881 | 892,023 | 0,727 | 931,50 | 5470 | 177,06 | 1938 | 0,0883 | 1,058 | -843,480 |
| 28,90 | 47,262 | 170,143 | 896,746 | 0,724 | 934,37 | 5479 | 176,96 | 1937 | 0,0880 | 1,058 | -839,701 |
| 29,00 | 47,334 | 170,404 | 901,476 | 0,721 | 937,24 | 5487 | 176,85 | 1936 | 0,0876 | 1,058 | -835,929 |
| 29,10 | 47,406 | 170,663 | 906,213 | 0,717 | 940,09 | 5495 | 176,75 | 1934 | 0,0873 | 1,058 | -832,164 |
| 29,20 | 47,478 | 170,921 | 910,957 | 0,714 | 942,94 | 5504 | 176,65 | 1933 | 0,0869 | 1,058 | -828,405 |
| 29,30 | 47,550 | 171,179 | 915,709 | 0,711 | 945,78 | 5512 | 176,54 | 1932 | 0,0866 | 1,058 | -824,654 |
| 29,40 | 47,621 | 171,434 | 920,467 | 0,708 | 948,61 | 5520 | 176,44 | 1931 | 0,0862 | 1,058 | -820,910 |
| 29,50 | 47,691 | 171,689 | 925,233 | 0,704 | 951,43 | 5528 | 176,34 | 1930 | 0,0859 | 1,058 | -817,173 |
| 29,60 | 47,762 | 171,943 | 930,005 | 0,701 | 954,25 | 5537 | 176,23 | 1929 | 0,0856 | 1,058 | -813,444 |
| 29,70 | 47,832 | 172,195 | 934,785 | 0,698 | 957,05 | 5545 | 176,13 | 1928 | 0,0852 | 1,058 | -809,721 |
| 29,80 | 47,902 | 172,447 | 939,572 | 0,695 | 959,84 | 5553 | 176,03 | 1927 | 0,0849 | 1,058 | -806,007 |
| 29,90 | 47,971 | 172,697 | 944,365 | 0,692 | 962,63 | 5561 | 175,92 | 1925 | 0,0845 | 1,058 | -802,300 |
| 30,00 | 48,040 | 172,946 | 949,166 | 0,688 | 965,41 | 5569 | 175,82 | 1924 | 0,0842 | 1,058 | -798,601 |
| 30,10 | 48,109 | 173,194 | 953,973 | 0,685 | 968,18 | 5577 | 175,72 | 1923 | 0,0838 | 1,058 | -794,910 |
| 30,20 | 48,178 | 173,440 | 958,788 | 0,682 | 970,94 | 5585 | 175,61 | 1922 | 0,0835 | 1,058 | -791,226 |
| 30,30 | 48,246 | 173,686 | 963,609 | 0,679 | 973,69 | 5593 | 175,51 | 1921 | 0,0831 | 1,058 | -787,551 |
| 30,40 | 48,314 | 173,930 | 968,437 | 0,676 | 976,43 | 5601 | 175,40 | 1920 | 0,0828 | 1,058 | -783,884 |
| 30,50 | 48,382 | 174,173 | 973,272 | 0,673 | 979,17 | 5608 | 175,30 | 1919 | 0,0825 | 1,058 | -780,225 |
| 30,60 | 48,449 | 174,416 | 978,113 | 0,669 | 981,89 | 5616 | 175,20 | 1917 | 0,0821 | 1,058 | -776,574 |
| 30,70 | 48,516 | 174,657 | 982,961 | 0,666 | 984,61 | 5624 | 175,09 | 1916 | 0,0818 | 1,058 | -772,931 |
| 30,80 | 48,582 | 174,896 | 987,816 | 0,663 | 987,31 | 5632 | 174,99 | 1915 | 0,0815 | 1,058 | -769,298 |
| 30,90 | 48,649 | 175,135 | 992,678 | 0,660 | 990,01 | 5639 | 174,88 | 1914 | 0,0811 | 1,058 | -765,672 |
| 31,00 | 48,715 | 175,373 | 997,546 | 0,657 | 992,70 | 5647 | 174,78 | 1913 | 0,0808 | 1,058 | -762,055 |
| 31,10 | 48,780 | 175,609 | 1002,421 | 0,654 | 995,38 | 5655 | 174,68 | 1912 | 0,0804 | 1,058 | -758,447 |
| 31,20 | 48,846 | 175,845 | 1007,302 | 0,651 | 998,05 | 5662 | 174,57 | 1911 | 0,0801 | 1,058 | -754,848 |
| 31,30 | 48,911 | 176,079 | 1012,190 | 0,648 | 1000,71 | 5670 | 174,47 | 1909 | 0,0798 | 1,058 | -751,257 |
| 31,40 | 48,976 | 176,312 | 1017,084 | 0,645 | 1003,36 | 5677 | 174,36 | 1908 | 0,0794 | 1,058 | -747,676 |
| 31,50 | 49,040 | 176,544 | 1021,985 | 0,641 | 1006,00 | 5685 | 174,26 | 1907 | 0,0791 | 1,058 | -744,103 |
| 31,60 | 49,104 | 176,775 | 1026,892 | 0,638 | 1008,64 | 5692 | 174,16 | 1906 | 0,0788 | 1,058 | -740,540 |
| 31,70 | 49,168 | 177,005 | 1031,806 | 0,635 | 1011,26 | 5700 | 174,05 | 1905 | 0,0785 | 1,058 | -736,985 |
| 31,80 | 49,232 | 177,234 | 1036,726 | 0,632 | 1013,87 | 5707 | 173,95 | 1904 | 0,0781 | 1,058 | -733,440 |
| 31,90 | 49,295 | 177,461 | 1041,652 | 0,629 | 1016,48 | 5714 | 173,84 | 1903 | 0,0778 | 1,058 | -729,904 |
| 32,00 | 49,358 | 177,688 | 1046,585 | 0,626 | 1019,08 | 5722 | 173,74 | 1902 | 0,0775 | 1,058 | -726,377 |
| 32,10 | 49,420 | 177,913 | 1051,524 | 0,623 | 1021,66 | 5729 | 173,64 | 1900 | 0,0771 | 1,058 | -722,860 |
| 32,20 | 49,483 | 178,138 | 1056,469 | 0,620 | 1024,24 | 5736 | 173,53 | 1899 | 0,0768 | 1,058 | -719,353 |
| 32,30 | 49,545 | 178,361 | 1061,420 | 0,617 | 1026,81 | 5743 | 173,43 | 1898 | 0,0765 | 1,058 | -715,854 |
| 32,40 | 49,606 | 178,583 | 1066,378 | 0,614 | 1029,37 | 5750 | 173,33 | 1897 | 0,0762 | 1,058 | -712,366 |
| 32,50 | 49,668 | 178,804 | 1071,342 | 0,611 | 1031,92 | 5757 | 173,22 | 1896 | 0,0758 | 1,058 | -708,887 |
| 32,60 | 49,729 | 179,024 | 1076,311 | 0,608 | 1034,46 | 5765 | 173,12 | 1895 | 0,0755 | 1,058 | -705,418 |
| 32,70 | 49,790 | 179,243 | 1081,287 | 0,605 | 1036,99 | 5772 | 173,02 | 1894 | 0,0752 | 1,058 | -701,959 |
| 32,80 | 49,850 | 179,461 | 1086,269 | 0,602 | 1039,52 | 5779 | 172,91 | 1892 | 0,0749 | 1,058 | -698,509 |
| 32,90 | 49,910 | 179,678 | 1091,257 | 0,599 | 1042,03 | 5786 | 172,81 | 1891 | 0,0746 | 1,058 | -695,069 |
| 33,00 | 49,970 | 179,893 | 1096,251 | 0,596 | 1044,53 | 5793 | 172,71 | 1890 | 0,0742 | 1,058 | -691,640 |
| 33,10 | 50,030 | 180,108 | 1101,251 | 0,593 | 1047,03 | 5799 | 172,61 | 1889 | 0,0739 | 1,058 | -688,220 |
| 33,20 | 50,089 | 180,322 | 1106,257 | 0,590 | 1049,51 | 5806 | 172,50 | 1888 | 0,0736 | 1,058 | -684,810 |
| 33,30 | 50,148 | 180,534 | 1111,269 | 0,587 | 1051,99 | 5813 | 172,40 | 1887 | 0,0733 | 1,058 | -681,411 |
| 33,40 | 50,207 | 180,746 | 1116,287 | 0,585 | 1054,45 | 5820 | 172,30 | 1886 | 0,0730 | 1,058 | -678,022 |
| 33,50 | 50,266 | 180,956 | 1121,311 | 0,582 | 1056,91 | 5827 | 172,20 | 1885 | 0,0727 | 1,058 | -674,642 |
| 33,60 | 50,324 | 181,165 | 1126,340 | 0,579 | 1059,36 | 5833 | 172,09 | 1883 | 0,0723 | 1,058 | -671,274 |
| 33,70 | 50,382 | 181,374 | 1131,375 | 0,576 | 1061,79 | 5840 | 171,99 | 1882 | 0,0720 | 1,058 | -667,915 |
| 33,80 | 50,439 | 181,581 | 1136,416 | 0,573 | 1064,22 | 5847 | 171,89 | 1881 | 0,0717 | 1,058 | -664,567 |
| 33,90 | 50,496 | 181,787 | 1141,463 | 0,570 | 1066,64 | 5854 | 171,79 | 1880 | 0,0714 | 1,058 | -661,229 |
| 34,00 | 50,553 | 181,992 | 1146,516 | 0,567 | 1069,05 | 5860 | 171,69 | 1879 | 0,0711 | 1,058 | -657,902 |
| 34,10 | 50,610 | 182,197 | 1151,574 | 0,564 | 1071,45 | 5867 | 171,59 | 1878 | 0,0708 | 1,058 | -654,585 |
| 34,20 | 50,667 | 182,400 | 1156,638 | 0,561 | 1073,84 | 5873 | 171,48 | 1877 | 0,0705 | 1,058 | -651,278 |
| 34,30 | 50,723 | 182,602 | 1161,707 | 0,559 | 1076,22 | 5880 | 171,38 | 1876 | 0,0702 | 1,058 | -647,983 |
| 34,40 | 50,779 | 182,803 | 1166,782 | 0,556 | 1078,59 | 5886 | 171,28 | 1875 | 0,0699 | 1,058 | -644,697 |
| 34,50 | 50,834 | 183,003 | 1171,863 | 0,553 | 1080,96 | 5893 | 171,18 | 1874 | 0,0696 | 1,058 | -641,423 |
| 34,60 | 50,889 | 183,202 | 1176,949 | 0,550 | 1083,31 | 5899 | 171,08 | 1872 | 0,0693 | 1,058 | -638,159 |
| 34,70 | 50,944 | 183,400 | 1182,041 | 0,547 | 1085,65 | 5905 | 170,98 | 1871 | 0,0690 | 1,058 | -634,906 |
| 34,80 | 50,999 | 183,597 | 1187,138 | 0,545 | 1087,99 | 5912 | 170,88 | 1870 | 0,0687 | 1,058 | -631,664 |
| 34,90 | 51,054 | 183,793 | 1192,241 | 0,542 | 1090,31 | 5918 | 170,78 | 1869 | 0,0684 | 1,058 | -628,432 |
| 35,00 | 51,108 | 183,988 | 1197,349 | 0,539 | 1092,63 | 5924 | 170,68 | 1868 | 0,0681 | 1,058 | -625,211 |
| 35,10 | 51,162 | 184,182 | 1202,462 | 0,536 | 1094,93 | 5931 | 170,58 | 1867 | 0,0678 | 1,058 | -622,001 |
| 35,20 | 51,215 | 184,375 | 1207,581 | 0,533 | 1097,23 | 5937 | 170,48 | 1866 | 0,0675 | 1,058 | -618,802 |
| 35,30 | 51,269 | 184,567 | 1212,705 | 0,531 | 1099,52 | 5943 | 170,38 | 1865 | 0,0672 | 1,058 | -615,614 |
| 35,40 | 51,322 | 184,758 | 1217,835 | 0,528 | 1101,79 | 5949 | 170,28 | 1864 | 0,0669 | 1,058 | -612,437 |
| 35,50 | 51,375 | 184,948 | 1222,970 | 0,525 | 1104,06 | 5955 | 170,19 | 1863 | 0,0666 | 1,058 | -609,271 |
| 35,60 | 51,427 | 185,138 | 1228,110 | 0,523 | 1106,32 | 5961 | 170,09 | 1862 | 0,0663 | 1,058 | -606,116 |
| 35,70 | 51,479 | 185,326 | 1233,255 | 0,520 | 1108,57 | 5967 | 169,99 | 1860 | 0,0660 | 1,058 | -602,971 |
| 35,80 | 51,531 | 185,513 | 1238,405 | 0,517 | 1110,81 | 5973 | 169,89 | 1859 | 0,0657 | 1,058 | -599,838 |
| 35,90 | 51,583 | 185,699 | 1243,561 | 0,514 | 1113,04 | 5979 | 169,79 | 1858 | 0,0654 | 1,058 | -596,716 |
| 36,00 | 51,634 | 185,884 | 1248,722 | 0,512 | 1115,26 | 5985 | 169,69 | 1857 | 0,0651 | 1,058 | -593,605 |
| 36,10 | 51,686 | 186,068 | 1253,888 | 0,509 | 1117,47 | 5991 | 169,60 | 1856 | 0,0648 | 1,058 | -590,506 |
| 36,20 | 51,737 | 186,252 | 1259,059 | 0,506 | 1119,68 | 5997 | 169,50 | 1855 | 0,0646 | 1,058 | -587,417 |
| 36,30 | 51,787 | 186,434 | 1264,235 | 0,504 | 1121,87 | 6003 | 169,40 | 1854 | 0,0643 | 1,058 | -584,339 |
| 36,40 | 51,838 | 186,615 | 1269,417 | 0,501 | 1124,05 | 6009 | 169,30 | 1853 | 0,0640 | 1,058 | -581,273 |
| 36,50 | 51,888 | 186,796 | 1274,603 | 0,498 | 1126,23 | 6015 | 169,21 | 1852 | 0,0637 | 1,058 | -578,218 |
| 36,60 | 51,938 | 186,975 | 1279,794 | 0,496 | 1128,39 | 6021 | 169,11 | 1851 | 0,0634 | 1,058 | -575,174 |
| 36,70 | 51,987 | 187,154 | 1284,990 | 0,493 | 1130,55 | 6026 | 169,02 | 1850 | 0,0631 | 1,058 | -572,141 |
| 36,80 | 52,036 | 187,331 | 1290,192 | 0,491 | 1132,69 | 6032 | 168,92 | 1849 | 0,0629 | 1,058 | -569,120 |
| 36,90 | 52,085 | 187,508 | 1295,398 | 0,488 | 1134,83 | 6038 | 168,82 | 1848 | 0,0626 | 1,058 | -566,110 |
| 37,00 | 52,134 | 187,683 | 1300,609 | 0,485 | 1136,96 | 6043 | 168,73 | 1847 | 0,0623 | 1,058 | -563,111 |
| 37,10 | 52,183 | 187,858 | 1305,824 | 0,483 | 1139,08 | 6049 | 168,63 | 1846 | 0,0620 | 1,058 | -560,124 |
| 37,20 | 52,231 | 188,032 | 1311,045 | 0,480 | 1141,18 | 6055 | 168,54 | 1845 | 0,0617 | 1,058 | -557,147 |
| 37,30 | 52,279 | 188,205 | 1316,271 | 0,478 | 1143,28 | 6060 | 168,44 | 1844 | 0,0615 | 1,058 | -554,182 |
| 37,40 | 52,327 | 188,377 | 1321,501 | 0,475 | 1145,37 | 6066 | 168,35 | 1842 | 0,0612 | 1,058 | -551,229 |
| 37,50 | 52,374 | 188,548 | 1326,736 | 0,473 | 1147,46 | 6071 | 168,25 | 1841 | 0,0609 | 1,058 | -548,287 |
| 37,60 | 52,422 | 188,718 | 1331,976 | 0,470 | 1149,53 | 6077 | 168,16 | 1840 | 0,0607 | 1,058 | -545,356 |
| 37,70 | 52,469 | 188,887 | 1337,220 | 0,468 | 1151,59 | 6082 | 168,07 | 1839 | 0,0604 | 1,058 | -542,436 |
| 37,80 | 52,515 | 189,056 | 1342,470 | 0,465 | 1153,64 | 6088 | 167,97 | 1838 | 0,0601 | 1,058 | -539,528 |
| 37,90 | 52,562 | 189,223 | 1347,723 | 0,463 | 1155,69 | 6093 | 167,88 | 1837 | 0,0598 | 1,058 | -536,631 |
| 38,00 | 52,608 | 189,390 | 1352,982 | 0,460 | 1157,72 | 6098 | 167,79 | 1836 | 0,0596 | 1,058 | -533,746 |
| 38,10 | 52,654 | 189,555 | 1358,245 | 0,458 | 1159,75 | 6104 | 167,69 | 1835 | 0,0593 | 1,058 | -530,872 |
| 38,20 | 52,700 | 189,720 | 1363,513 | 0,455 | 1161,77 | 6109 | 167,60 | 1834 | 0,0590 | 1,058 | -528,010 |
| 38,30 | 52,746 | 189,884 | 1368,785 | 0,453 | 1163,77 | 6114 | 167,51 | 1833 | 0,0588 | 1,058 | -525,158 |
| 38,40 | 52,791 | 190,047 | 1374,062 | 0,450 | 1165,77 | 6119 | 167,42 | 1832 | 0,0585 | 1,058 | -522,319 |
| 38,50 | 52,836 | 190,209 | 1379,343 | 0,448 | 1167,76 | 6125 | 167,33 | 1831 | 0,0583 | 1,058 | -519,490 |
| 38,60 | 52,881 | 190,370 | 1384,629 | 0,445 | 1169,74 | 6130 | 167,23 | 1830 | 0,0580 | 1,058 | -516,673 |
| 38,70 | 52,925 | 190,531 | 1389,919 | 0,443 | 1171,71 | 6135 | 167,14 | 1829 | 0,0577 | 1,058 | -513,868 |
| 38,80 | 52,969 | 190,690 | 1395,214 | 0,441 | 1173,68 | 6140 | 167,05 | 1828 | 0,0575 | 1,058 | -511,074 |
| 38,90 | 53,014 | 190,849 | 1400,513 | 0,438 | 1175,63 | 6145 | 166,96 | 1827 | 0,0572 | 1,058 | -508,291 |
| 39,00 | 53,057 | 191,007 | 1405,817 | 0,436 | 1177,57 | 6150 | 166,87 | 1826 | 0,0570 | 1,058 | -505,520 |
| 39,10 | 53,101 | 191,163 | 1411,125 | 0,433 | 1179,51 | 6155 | 166,78 | 1825 | 0,0567 | 1,058 | -502,760 |
| 39,20 | 53,144 | 191,319 | 1416,437 | 0,431 | 1181,44 | 6160 | 166,69 | 1824 | 0,0564 | 1,058 | -500,012 |
| 39,30 | 53,187 | 191,475 | 1421,754 | 0,429 | 1183,35 | 6165 | 166,60 | 1823 | 0,0562 | 1,058 | -497,275 |
| 39,40 | 53,230 | 191,629 | 1427,074 | 0,426 | 1185,26 | 6170 | 166,51 | 1822 | 0,0559 | 1,058 | -494,549 |
| 39,50 | 53,273 | 191,782 | 1432,400 | 0,424 | 1187,16 | 6175 | 166,43 | 1821 | 0,0557 | 1,058 | -491,835 |
| 39,60 | 53,315 | 191,935 | 1437,729 | 0,422 | 1189,05 | 6180 | 166,34 | 1820 | 0,0554 | 1,058 | -489,132 |
| 39,70 | 53,357 | 192,087 | 1443,063 | 0,419 | 1190,93 | 6185 | 166,25 | 1820 | 0,0552 | 1,058 | -486,441 |
| 39,80 | 53,399 | 192,238 | 1448,401 | 0,417 | 1192,81 | 6190 | 166,16 | 1819 | 0,0549 | 1,058 | -483,760 |
| 39,90 | 53,441 | 192,388 | 1453,743 | 0,415 | 1194,67 | 6195 | 166,07 | 1818 | 0,0547 | 1,058 | -481,092 |
| 40,00 | 53,483 | 192,537 | 1459,089 | 0,412 | 1196,52 | 6200 | 165,99 | 1817 | 0,0544 | 1,058 | -478,435 |
| 40,10 | 53,524 | 192,686 | 1464,439 | 0,410 | 1198,37 | 6204 | 165,90 | 1816 | 0,0542 | 1,058 | -475,789 |
| 40,20 | 53,565 | 192,833 | 1469,793 | 0,408 | 1200,21 | 6209 | 165,81 | 1815 | 0,0539 | 1,058 | -473,154 |
| 40,30 | 53,606 | 192,980 | 1475,152 | 0,406 | 1202,04 | 6214 | 165,72 | 1814 | 0,0537 | 1,058 | -470,531 |
| 40,40 | 53,646 | 193,126 | 1480,515 | 0,403 | 1203,86 | 6219 | 165,64 | 1813 | 0,0535 | 1,058 | -467,919 |
| 40,50 | 53,687 | 193,271 | 1485,881 | 0,401 | 1205,67 | 6223 | 165,55 | 1812 | 0,0532 | 1,058 | -465,318 |
| 40,60 | 53,727 | 193,416 | 1491,252 | 0,399 | 1207,47 | 6228 | 165,47 | 1811 | 0,0530 | 1,058 | -462,729 |
| 40,70 | 53,767 | 193,559 | 1496,627 | 0,397 | 1209,26 | 6233 | 165,38 | 1810 | 0,0527 | 1,058 | -460,151 |
| 40,80 | 53,806 | 193,702 | 1502,005 | 0,394 | 1211,05 | 6237 | 165,30 | 1809 | 0,0525 | 1,058 | -457,585 |
| 40,90 | 53,846 | 193,844 | 1507,388 | 0,392 | 1212,82 | 6242 | 165,21 | 1808 | 0,0523 | 1,058 | -455,029 |
| 41,00 | 53,885 | 193,986 | 1512,774 | 0,390 | 1214,59 | 6246 | 165,13 | 1807 | 0,0520 | 1,058 | -452,485 |
| 41,10 | 53,924 | 194,126 | 1518,165 | 0,388 | 1216,35 | 6251 | 165,04 | 1806 | 0,0518 | 1,058 | -449,953 |
| 41,20 | 53,963 | 194,266 | 1523,559 | 0,386 | 1218,10 | 6255 | 164,96 | 1805 | 0,0516 | 1,058 | -447,431 |
| 41,30 | 54,001 | 194,404 | 1528,957 | 0,384 | 1219,84 | 6260 | 164,88 | 1804 | 0,0513 | 1,058 | -444,921 |
| 41,40 | 54,040 | 194,543 | 1534,359 | 0,381 | 1221,58 | 6264 | 164,79 | 1804 | 0,0511 | 1,058 | -442,422 |
| 41,50 | 54,078 | 194,680 | 1539,765 | 0,379 | 1223,30 | 6269 | 164,71 | 1803 | 0,0509 | 1,058 | -439,934 |
| 41,60 | 54,116 | 194,816 | 1545,175 | 0,377 | 1225,02 | 6273 | 164,63 | 1802 | 0,0506 | 1,058 | -437,457 |
| 41,70 | 54,153 | 194,952 | 1550,588 | 0,375 | 1226,73 | 6277 | 164,55 | 1801 | 0,0504 | 1,058 | -434,992 |
| 41,80 | 54,191 | 195,087 | 1556,005 | 0,373 | 1228,43 | 6282 | 164,46 | 1800 | 0,0502 | 1,058 | -432,537 |
| 41,90 | 54,228 | 195,221 | 1561,426 | 0,371 | 1230,12 | 6286 | 164,38 | 1799 | 0,0499 | 1,058 | -430,094 |
| 42,00 | 54,265 | 195,355 | 1566,851 | 0,369 | 1231,80 | 6290 | 164,30 | 1798 | 0,0497 | 1,058 | -427,662 |
| 42,10 | 54,302 | 195,488 | 1572,279 | 0,367 | 1233,47 | 6295 | 164,22 | 1797 | 0,0495 | 1,058 | -425,241 |
| 42,20 | 54,339 | 195,620 | 1577,712 | 0,365 | 1235,14 | 6299 | 164,14 | 1796 | 0,0493 | 1,058 | -422,831 |
| 42,30 | 54,375 | 195,751 | 1583,147 | 0,362 | 1236,80 | 6303 | 164,06 | 1796 | 0,0491 | 1,058 | -420,432 |
| 42,40 | 54,411 | 195,881 | 1588,587 | 0,360 | 1238,45 | 6307 | 163,98 | 1795 | 0,0488 | 1,058 | -418,045 |
| 42,50 | 54,447 | 196,011 | 1594,029 | 0,358 | 1240,09 | 6312 | 163,90 | 1794 | 0,0486 | 1,058 | -415,668 |
| 42,60 | 54,483 | 196,140 | 1599,476 | 0,356 | 1241,72 | 6316 | 163,82 | 1793 | 0,0484 | 1,058 | -413,302 |
| 42,70 | 54,519 | 196,268 | 1604,926 | 0,354 | 1243,35 | 6320 | 163,74 | 1792 | 0,0482 | 1,058 | -410,947 |
| 42,80 | 54,554 | 196,396 | 1610,380 | 0,352 | 1244,96 | 6324 | 163,66 | 1791 | 0,0480 | 1,058 | -408,604 |
| 42,90 | 54,590 | 196,523 | 1615,837 | 0,350 | 1246,57 | 6328 | 163,58 | 1790 | 0,0477 | 1,058 | -406,271 |
| 43,00 | 54,625 | 196,649 | 1621,298 | 0,348 | 1248,17 | 6332 | 163,50 | 1789 | 0,0475 | 1,058 | -403,949 |
| 43,10 | 54,659 | 196,774 | 1626,762 | 0,346 | 1249,76 | 6336 | 163,43 | 1789 | 0,0473 | 1,058 | -401,638 |
| 43,20 | 54,694 | 196,899 | 1632,230 | 0,344 | 1251,35 | 6340 | 163,35 | 1788 | 0,0471 | 1,058 | -399,338 |
| 43,30 | 54,728 | 197,023 | 1637,701 | 0,342 | 1252,92 | 6344 | 163,27 | 1787 | 0,0469 | 1,058 | -397,049 |
| 43,40 | 54,763 | 197,146 | 1643,175 | 0,340 | 1254,49 | 6348 | 163,19 | 1786 | 0,0467 | 1,058 | -394,771 |
| 43,50 | 54,797 | 197,268 | 1648,653 | 0,338 | 1256,05 | 6352 | 163,12 | 1785 | 0,0465 | 1,058 | -392,503 |
| 43,60 | 54,831 | 197,390 | 1654,135 | 0,336 | 1257,60 | 6356 | 163,04 | 1784 | 0,0462 | 1,058 | -390,246 |
| 43,70 | 54,864 | 197,511 | 1659,619 | 0,334 | 1259,14 | 6360 | 162,96 | 1784 | 0,0460 | 1,058 | -388,000 |
| 43,80 | 54,898 | 197,632 | 1665,107 | 0,333 | 1260,68 | 6364 | 162,89 | 1783 | 0,0458 | 1,058 | -385,765 |
| 43,90 | 54,931 | 197,751 | 1670,599 | 0,331 | 1262,21 | 6368 | 162,81 | 1782 | 0,0456 | 1,058 | -383,541 |
| 44,00 | 54,964 | 197,870 | 1676,094 | 0,329 | 1263,73 | 6371 | 162,74 | 1781 | 0,0454 | 1,058 | -381,327 |
| 44,10 | 54,997 | 197,989 | 1681,592 | 0,327 | 1265,24 | 6375 | 162,66 | 1780 | 0,0452 | 1,058 | -379,124 |
| 44,20 | 55,030 | 198,106 | 1687,093 | 0,325 | 1266,74 | 6379 | 162,59 | 1779 | 0,0450 | 1,058 | -376,931 |
| 44,30 | 55,062 | 198,223 | 1692,598 | 0,323 | 1268,24 | 6383 | 162,51 | 1779 | 0,0448 | 1,058 | -374,749 |
| 44,40 | 55,094 | 198,340 | 1698,105 | 0,321 | 1269,73 | 6386 | 162,44 | 1778 | 0,0446 | 1,058 | -372,578 |
| 44,50 | 55,126 | 198,455 | 1703,616 | 0,319 | 1271,21 | 6390 | 162,37 | 1777 | 0,0444 | 1,058 | -370,417 |
| 44,60 | 55,158 | 198,570 | 1709,131 | 0,317 | 1272,68 | 6394 | 162,29 | 1776 | 0,0442 | 1,058 | -368,267 |
| 44,70 | 55,190 | 198,685 | 1714,648 | 0,316 | 1274,15 | 6398 | 162,22 | 1775 | 0,0440 | 1,058 | -366,128 |
| 44,80 | 55,222 | 198,798 | 1720,169 | 0,314 | 1275,61 | 6401 | 162,15 | 1775 | 0,0438 | 1,058 | -363,999 |
| 44,90 | 55,253 | 198,911 | 1725,692 | 0,312 | 1277,06 | 6405 | 162,08 | 1774 | 0,0436 | 1,058 | -361,880 |
| 45,00 | 55,284 | 199,023 | 1731,219 | 0,310 | 1278,50 | 6409 | 162,00 | 1773 | 0,0434 | 1,058 | -359,772 |
| 45,10 | 55,315 | 199,135 | 1736,749 | 0,308 | 1279,93 | 6412 | 161,93 | 1772 | 0,0432 | 1,058 | -357,674 |
| 45,20 | 55,346 | 199,246 | 1742,282 | 0,307 | 1281,36 | 6416 | 161,86 | 1771 | 0,0430 | 1,058 | -355,586 |
| 45,30 | 55,377 | 199,356 | 1747,819 | 0,305 | 1282,78 | 6419 | 161,79 | 1771 | 0,0428 | 1,058 | -353,509 |
| 45,40 | 55,407 | 199,466 | 1753,358 | 0,303 | 1284,19 | 6423 | 161,72 | 1770 | 0,0426 | 1,058 | -351,443 |
| 45,50 | 55,438 | 199,575 | 1758,900 | 0,301 | 1285,60 | 6426 | 161,65 | 1769 | 0,0425 | 1,058 | -349,386 |
| 45,60 | 55,468 | 199,684 | 1764,445 | 0,299 | 1287,00 | 6430 | 161,58 | 1768 | 0,0423 | 1,058 | -347,340 |
| 45,70 | 55,498 | 199,791 | 1769,994 | 0,298 | 1288,39 | 6433 | 161,51 | 1768 | 0,0421 | 1,058 | -345,304 |
| 45,80 | 55,527 | 199,899 | 1775,545 | 0,296 | 1289,77 | 6437 | 161,44 | 1767 | 0,0419 | 1,058 | -343,278 |
| 45,90 | 55,557 | 200,005 | 1781,099 | 0,294 | 1291,14 | 6440 | 161,37 | 1766 | 0,0417 | 1,058 | -341,263 |
| 46,00 | 55,586 | 200,111 | 1786,656 | 0,292 | 1292,51 | 6444 | 161,30 | 1765 | 0,0415 | 1,058 | -339,257 |
| 46,10 | 55,616 | 200,216 | 1792,216 | 0,291 | 1293,87 | 6447 | 161,23 | 1765 | 0,0413 | 1,058 | -337,262 |
| 46,20 | 55,645 | 200,321 | 1797,779 | 0,289 | 1295,22 | 6450 | 161,16 | 1764 | 0,0411 | 1,058 | -335,277 |
| 46,30 | 55,674 | 200,425 | 1803,345 | 0,287 | 1296,57 | 6454 | 161,10 | 1763 | 0,0410 | 1,058 | -333,302 |
| 46,40 | 55,702 | 200,529 | 1808,914 | 0,286 | 1297,91 | 6457 | 161,03 | 1762 | 0,0408 | 1,058 | -331,337 |
| 46,50 | 55,731 | 200,631 | 1814,486 | 0,284 | 1299,24 | 6460 | 160,96 | 1762 | 0,0406 | 1,058 | -329,381 |
| 46,60 | 55,759 | 200,734 | 1820,060 | 0,282 | 1300,57 | 6464 | 160,89 | 1761 | 0,0404 | 1,058 | -327,436 |
| 46,70 | 55,788 | 200,835 | 1825,638 | 0,281 | 1301,88 | 6467 | 160,83 | 1760 | 0,0402 | 1,058 | -325,501 |
| 46,80 | 55,816 | 200,936 | 1831,218 | 0,279 | 1303,19 | 6470 | 160,76 | 1759 | 0,0401 | 1,058 | -323,576 |
| 46,90 | 55,844 | 201,037 | 1836,801 | 0,277 | 1304,50 | 6473 | 160,69 | 1759 | 0,0399 | 1,058 | -321,660 |
| 47,00 | 55,871 | 201,136 | 1842,386 | 0,276 | 1305,79 | 6477 | 160,63 | 1758 | 0,0397 | 1,058 | -319,755 |
| 47,10 | 55,899 | 201,236 | 1847,975 | 0,274 | 1307,08 | 6480 | 160,56 | 1757 | 0,0395 | 1,058 | -317,859 |
| 47,20 | 55,926 | 201,334 | 1853,566 | 0,272 | 1308,36 | 6483 | 160,50 | 1757 | 0,0393 | 1,058 | -315,973 |
| 47,30 | 55,953 | 201,432 | 1859,160 | 0,271 | 1309,64 | 6486 | 160,43 | 1756 | 0,0392 | 1,058 | -314,097 |
| 47,40 | 55,981 | 201,530 | 1864,757 | 0,269 | 1310,90 | 6489 | 160,37 | 1755 | 0,0390 | 1,058 | -312,230 |
| 47,50 | 56,007 | 201,627 | 1870,356 | 0,268 | 1312,16 | 6492 | 160,30 | 1754 | 0,0388 | 1,058 | -310,373 |
| 47,60 | 56,034 | 201,723 | 1875,958 | -1,195 | 1313,42 | 6480 | 0,00 | 0 | -0,1153 | 1,030 | 1385,758 |
| 47,70 | 55,915 | 201,293 | 1881,556 | -1,190 | 1307,82 | 6240 | 0,00 | 0 | -0,1148 | 1,030 | 1380,327 |
| 47,80 | 55,796 | 200,865 | 1887,141 | -1,185 | 1302,26 | 5970 | 0,00 | 0 | -0,1143 | 1,030 | 1374,928 |
| 47,90 | 55,677 | 200,438 | 1892,715 | -1,181 | 1296,74 | 5700 | 0,00 | 0 | -0,1138 | 1,030 | 1369,562 |
| 48,00 | 55,559 | 200,013 | 1898,277 | -1,176 | 1291,24 | 5430 | 0,00 | 0 | -0,1134 | 1,030 | 1364,229 |
| 48,10 | 55,442 | 199,590 | 1903,827 | -1,171 | 1285,78 | 5160 | 0,00 | 0 | -0,1129 | 1,030 | 1358,927 |
| 48,20 | 55,324 | 199,168 | 1909,365 | -1,167 | 1280,35 | 4890 | 0,00 | 0 | -0,1124 | 1,030 | 1353,657 |
| 48,30 | 55,208 | 198,748 | 1914,892 | -1,162 | 1274,96 | 4620 | 0,00 | 0 | -0,1119 | 1,030 | 1348,419 |
| 48,40 | 55,091 | 198,329 | 1920,407 | -1,158 | 1269,60 | 4350 | 0,00 | 0 | -0,1115 | 1,030 | 1343,211 |
| 48,50 | 54,976 | 197,912 | 1925,910 | -1,153 | 1264,26 | 4080 | 0,00 | 0 | -0,1110 | 1,030 | 1338,035 |
| 48,60 | 54,860 | 197,497 | 1931,402 | -1,149 | 1258,96 | 3810 | 0,00 | 0 | -0,1105 | 1,030 | 1332,890 |
| 48,70 | 54,745 | 197,083 | 1936,882 | -1,145 | 1253,70 | 3540 | 0,00 | 0 | -0,1101 | 1,030 | 1327,775 |
| 48,80 | 54,631 | 196,671 | 1942,351 | -1,140 | 1248,46 | 3270 | 0,00 | 0 | -0,1096 | 1,030 | 1322,691 |
| 48,90 | 54,517 | 196,261 | 1947,808 | -1,136 | 1243,25 | 3000 | 0,00 | 0 | -0,1091 | 1,030 | 1317,636 |
| 49,00 | 54,403 | 195,852 | 1953,254 | -1,132 | 1238,08 | 2730 | 0,00 | 0 | -0,1087 | 1,030 | 1312,612 |
| 49,10 | 54,290 | 195,445 | 1958,689 | -1,127 | 1232,93 | 2460 | 0,00 | 0 | -0,1082 | 1,030 | 1307,616 |
| 49,20 | 54,177 | 195,039 | 1964,112 | -1,123 | 1227,82 | 2190 | 0,00 | 0 | -0,1078 | 1,030 | 1302,651 |
| 49,30 | 54,065 | 194,635 | 1969,524 | -1,119 | 1222,73 | 1920 | 0,00 | 0 | -0,1073 | 1,030 | 1297,714 |
| 49,40 | 53,953 | 194,232 | 1974,925 | -1,114 | 1217,68 | 1650 | 0,00 | 0 | -0,1069 | 1,030 | 1292,806 |
| 49,50 | 53,842 | 193,831 | 1980,315 | -1,110 | 1212,65 | 1380 | 0,00 | 0 | -0,1065 | 1,030 | 1287,927 |
| 49,60 | 53,731 | 193,431 | 1985,694 | -1,106 | 1207,66 | 1110 | 0,00 | 0 | -0,1060 | 1,030 | 1283,077 |
| 49,70 | 53,620 | 193,033 | 1991,061 | -1,102 | 1202,69 | 900 | 0,00 | 0 | -0,1056 | 1,030 | 1278,254 |
| 49,80 | 53,510 | 192,636 | 1996,418 | -1,098 | 1197,75 | 900 | 0,00 | 0 | -0,1051 | 1,030 | 1273,460 |
| 49,90 | 53,400 | 192,241 | 2001,763 | -1,094 | 1192,84 | 900 | 0,00 | 0 | -0,1047 | 1,030 | 1268,693 |
| 50,00 | 53,291 | 191,847 | 2007,098 | -1,090 | 1187,96 | 900 | 0,00 | 0 | -0,1043 | 1,030 | 1263,954 |
| 50,10 | 53,182 | 191,455 | 2012,422 | -1,086 | 1183,11 | 900 | 0,00 | 0 | -0,1039 | 1,030 | 1259,243 |
| 50,20 | 53,073 | 191,064 | 2017,734 | -1,082 | 1178,28 | 900 | 0,00 | 0 | -0,1034 | 1,030 | 1254,558 |
| 50,30 | 52,965 | 190,675 | 2023,036 | -1,078 | 1173,49 | 900 | 0,00 | 0 | -0,1030 | 1,030 | 1249,901 |
| 50,40 | 52,857 | 190,287 | 2028,327 | -1,074 | 1168,72 | 900 | 0,00 | 0 | -0,1026 | 1,030 | 1245,270 |
| 50,50 | 52,750 | 189,900 | 2033,608 | -1,070 | 1163,97 | 900 | 0,00 | 0 | -0,1022 | 1,030 | 1240,666 |
| 50,60 | 52,643 | 189,515 | 2038,877 | -1,066 | 1159,26 | 900 | 0,00 | 0 | -0,1018 | 1,030 | 1236,088 |
| 50,70 | 52,537 | 189,132 | 2044,136 | -1,062 | 1154,57 | 900 | 0,00 | 0 | -0,1014 | 1,030 | 1231,536 |
| 50,80 | 52,430 | 188,749 | 2049,385 | -1,058 | 1149,91 | 900 | 0,00 | 0 | -0,1009 | 1,030 | 1227,010 |
| 50,90 | 52,325 | 188,369 | 2054,622 | -1,054 | 1145,27 | 900 | 0,00 | 0 | -0,1005 | 1,030 | 1222,510 |
| 51,00 | 52,219 | 187,989 | 2059,850 | -1,050 | 1140,66 | 900 | 0,00 | 0 | -0,1001 | 1,030 | 1218,035 |
| 51,10 | 52,114 | 187,611 | 2065,066 | -1,046 | 1136,08 | 900 | 0,00 | 0 | -0,0997 | 1,030 | 1213,586 |
| 51,20 | 52,010 | 187,235 | 2070,273 | -1,042 | 1131,53 | 900 | 0,00 | 0 | -0,0993 | 1,030 | 1209,162 |
| 51,30 | 51,905 | 186,859 | 2075,468 | -1,039 | 1126,99 | 900 | 0,00 | 0 | -0,0989 | 1,030 | 1204,763 |
| 51,40 | 51,802 | 186,485 | 2080,654 | -1,035 | 1122,49 | 900 | 0,00 | 0 | -0,0985 | 1,030 | 1200,389 |
| 51,50 | 51,698 | 186,113 | 2085,829 | -1,031 | 1118,01 | 900 | 0,00 | 0 | -0,0981 | 1,030 | 1196,039 |
| 51,60 | 51,595 | 185,742 | 2090,993 | -1,027 | 1113,55 | 900 | 0,00 | 0 | -0,0978 | 1,030 | 1191,714 |
| 51,70 | 51,492 | 185,372 | 2096,148 | -1,024 | 1109,12 | 900 | 0,00 | 0 | -0,0974 | 1,030 | 1187,413 |
| 51,80 | 51,390 | 185,003 | 2101,292 | -1,020 | 1104,72 | 900 | 0,00 | 0 | -0,0970 | 1,030 | 1183,136 |
| 51,90 | 51,288 | 184,636 | 2106,426 | -1,016 | 1100,34 | 900 | 0,00 | 0 | -0,0966 | 1,030 | 1178,882 |
| 52,00 | 51,186 | 184,270 | 2111,549 | -1,013 | 1095,98 | 900 | 0,00 | 0 | -0,0962 | 1,030 | 1174,653 |
| 52,10 | 51,085 | 183,906 | 2116,663 | -1,009 | 1091,65 | 900 | 0,00 | 0 | -0,0958 | 1,030 | 1170,447 |
| 52,20 | 50,984 | 183,543 | 2121,766 | -1,005 | 1087,34 | 900 | 0,00 | 0 | -0,0955 | 1,030 | 1166,264 |
| 52,30 | 50,883 | 183,181 | 2126,860 | -1,002 | 1083,06 | 900 | 0,00 | 0 | -0,0951 | 1,030 | 1162,105 |
| 52,40 | 50,783 | 182,820 | 2131,943 | -0,998 | 1078,80 | 900 | 0,00 | 0 | -0,0947 | 1,030 | 1157,968 |
| 52,50 | 50,683 | 182,461 | 2137,016 | -0,995 | 1074,56 | 900 | 0,00 | 0 | -0,0943 | 1,030 | 1153,855 |
| 52,60 | 50,584 | 182,102 | 2142,080 | -0,991 | 1070,34 | 900 | 0,00 | 0 | -0,0940 | 1,030 | 1149,764 |
| 52,70 | 50,485 | 181,746 | 2147,133 | -0,988 | 1066,15 | 900 | 0,00 | 0 | -0,0936 | 1,030 | 1145,696 |
| 52,80 | 50,386 | 181,390 | 2152,177 | -0,984 | 1061,99 | 900 | 0,00 | 0 | -0,0932 | 1,030 | 1141,649 |
| 52,90 | 50,288 | 181,036 | 2157,210 | -0,981 | 1057,84 | 900 | 0,00 | 0 | -0,0929 | 1,030 | 1137,625 |
| 53,00 | 50,190 | 180,683 | 2162,234 | -0,977 | 1053,72 | 900 | 0,00 | 0 | -0,0925 | 1,030 | 1133,624 |
| 53,10 | 50,092 | 180,331 | 2167,248 | -0,974 | 1049,62 | 900 | 0,00 | 0 | -0,0921 | 1,030 | 1129,643 |
| 53,20 | 49,995 | 179,980 | 2172,253 | -0,970 | 1045,54 | 900 | 0,00 | 0 | -0,0918 | 1,030 | 1125,685 |
| 53,30 | 49,897 | 179,631 | 2177,247 | -0,967 | 1041,49 | 900 | 0,00 | 0 | -0,0914 | 1,030 | 1121,748 |
| 53,40 | 49,801 | 179,283 | 2182,232 | -0,964 | 1037,46 | 900 | 0,00 | 0 | -0,0911 | 1,030 | 1117,833 |
| 53,50 | 49,704 | 178,936 | 2187,207 | -0,960 | 1033,44 | 900 | 0,00 | 0 | -0,0907 | 1,030 | 1113,938 |
| 53,60 | 49,608 | 178,590 | 2192,173 | -0,957 | 1029,46 | 900 | 0,00 | 0 | -0,0904 | 1,030 | 1110,065 |
| 53,70 | 49,513 | 178,246 | 2197,129 | -0,954 | 1025,49 | 900 | 0,00 | 0 | -0,0900 | 1,030 | 1106,213 |
| 53,80 | 49,417 | 177,902 | 2202,076 | -0,950 | 1021,54 | 900 | 0,00 | 0 | -0,0897 | 1,030 | 1102,382 |
| 53,90 | 49,322 | 177,560 | 2207,013 | -0,947 | 1017,62 | 900 | 0,00 | 0 | -0,0893 | 1,030 | 1098,571 |
| 54,00 | 49,228 | 177,219 | 2211,940 | -0,944 | 1013,71 | 900 | 0,00 | 0 | -0,0890 | 1,030 | 1094,780 |
| 54,10 | 49,133 | 176,880 | 2216,858 | -0,941 | 1009,83 | 900 | 0,00 | 0 | -0,0886 | 1,030 | 1091,010 |
| 54,20 | 49,039 | 176,541 | 2221,767 | -0,937 | 1005,97 | 900 | 0,00 | 0 | -0,0883 | 1,030 | 1087,260 |
| 54,30 | 48,945 | 176,204 | 2226,666 | -0,934 | 1002,12 | 900 | 0,00 | 0 | -0,0880 | 1,030 | 1083,530 |
| 54,40 | 48,852 | 175,867 | 2231,556 | -0,931 | 998,30 | 900 | 0,00 | 0 | -0,0876 | 1,030 | 1079,820 |
| 54,50 | 48,759 | 175,532 | 2236,436 | -0,928 | 994,50 | 900 | 0,00 | 0 | -0,0873 | 1,030 | 1076,130 |
| 54,60 | 48,666 | 175,198 | 2241,308 | -0,925 | 990,72 | 900 | 0,00 | 0 | -0,0870 | 1,030 | 1072,460 |
| 54,70 | 48,574 | 174,865 | 2246,170 | -0,921 | 986,96 | 900 | 0,00 | 0 | -0,0866 | 1,030 | 1068,808 |
| 54,80 | 48,482 | 174,534 | 2251,022 | -0,918 | 983,22 | 900 | 0,00 | 0 | -0,0863 | 1,030 | 1065,177 |
| 54,90 | 48,390 | 174,203 | 2255,866 | -0,915 | 979,50 | 900 | 0,00 | 0 | -0,0860 | 1,030 | 1061,564 |
| 55,00 | 48,298 | 173,874 | 2260,700 | -0,912 | 975,80 | 900 | 0,00 | 0 | -0,0857 | 1,030 | 1057,971 |
| 55,10 | 48,207 | 173,545 | 2265,526 | -0,909 | 972,12 | 900 | 0,00 | 0 | -0,0853 | 1,030 | 1054,396 |
| 55,20 | 48,116 | 173,218 | 2270,342 | -0,906 | 968,45 | 900 | 0,00 | 0 | -0,0850 | 1,030 | 1050,840 |
| 55,30 | 48,026 | 172,892 | 2275,149 | -0,903 | 964,81 | 900 | 0,00 | 0 | -0,0847 | 1,030 | 1047,303 |
| 55,40 | 47,935 | 172,567 | 2279,947 | -0,900 | 961,19 | 900 | 0,00 | 0 | -0,0844 | 1,030 | 1043,784 |
| 55,50 | 47,845 | 172,243 | 2284,736 | -0,897 | 957,58 | 900 | 0,00 | 0 | -0,0841 | 1,030 | 1040,284 |
| 55,60 | 47,756 | 171,920 | 2289,516 | -0,894 | 953,99 | 900 | 0,00 | 0 | -0,0837 | 1,030 | 1036,802 |
| 55,70 | 47,666 | 171,598 | 2294,287 | -0,891 | 950,43 | 900 | 0,00 | 0 | -0,0834 | 1,030 | 1033,339 |
| 55,80 | 47,577 | 171,278 | 2299,049 | -0,888 | 946,88 | 900 | 0,00 | 0 | -0,0831 | 1,030 | 1029,893 |
| 55,90 | 47,488 | 170,958 | 2303,803 | -0,885 | 943,35 | 900 | 0,00 | 0 | -0,0828 | 1,030 | 1026,465 |
| 56,00 | 47,400 | 170,640 | 2308,547 | -0,882 | 939,83 | 900 | 0,00 | 0 | -0,0825 | 1,030 | 1023,055 |
| 56,10 | 47,312 | 170,322 | 2313,283 | -0,879 | 936,34 | 900 | 0,00 | 0 | -0,0822 | 1,030 | 1019,663 |
| 56,20 | 47,224 | 170,006 | 2318,009 | -0,876 | 932,86 | 900 | 0,00 | 0 | -0,0819 | 1,030 | 1016,288 |
| 56,30 | 47,136 | 169,690 | 2322,727 | -0,873 | 929,41 | 900 | 0,00 | 0 | -0,0816 | 1,030 | 1012,930 |
| 56,40 | 47,049 | 169,376 | 2327,437 | -0,870 | 925,97 | 900 | 0,00 | 0 | -0,0813 | 1,030 | 1009,590 |
| 56,50 | 46,962 | 169,063 | 2332,137 | -0,867 | 922,54 | 900 | 0,00 | 0 | -0,0810 | 1,030 | 1006,267 |
| 56,60 | 46,875 | 168,750 | 2336,829 | -0,865 | 919,14 | 900 | 0,00 | 0 | -0,0807 | 1,030 | 1002,961 |
| 56,70 | 46,789 | 168,439 | 2341,512 | -0,862 | 915,75 | 900 | 0,00 | 0 | -0,0804 | 1,030 | 999,673 |
| 56,80 | 46,702 | 168,129 | 2346,187 | -0,859 | 912,38 | 900 | 0,00 | 0 | -0,0801 | 1,030 | 996,400 |
| 56,90 | 46,617 | 167,820 | 2350,853 | -0,856 | 909,03 | 900 | 0,00 | 0 | -0,0798 | 1,030 | 993,145 |
| 57,00 | 46,531 | 167,511 | 2355,510 | -0,853 | 905,69 | 900 | 0,00 | 0 | -0,0795 | 1,030 | 989,906 |
| 57,10 | 46,446 | 167,204 | 2360,159 | -0,851 | 902,37 | 900 | 0,00 | 0 | -0,0792 | 1,030 | 986,684 |
| 57,20 | 46,361 | 166,898 | 2364,799 | -0,848 | 899,07 | 900 | 0,00 | 0 | -0,0789 | 1,030 | 983,478 |
| 57,30 | 46,276 | 166,593 | 2369,431 | -0,845 | 895,78 | 900 | 0,00 | 0 | -0,0786 | 1,030 | 980,288 |
| 57,40 | 46,191 | 166,288 | 2374,054 | -0,842 | 892,52 | 900 | 0,00 | 0 | -0,0784 | 1,030 | 977,115 |
| 57,50 | 46,107 | 165,985 | 2378,669 | -0,840 | 889,26 | 900 | 0,00 | 0 | -0,0781 | 1,030 | 973,957 |
| 57,60 | 46,023 | 165,683 | 2383,276 | -0,837 | 886,03 | 900 | 0,00 | 0 | -0,0778 | 1,030 | 970,816 |
| 57,70 | 45,939 | 165,382 | 2387,874 | -0,834 | 882,81 | 900 | 0,00 | 0 | -0,0775 | 1,030 | 967,690 |
| 57,80 | 45,856 | 165,081 | 2392,464 | -0,832 | 879,61 | 900 | 0,00 | 0 | -0,0772 | 1,030 | 964,580 |
| 57,90 | 45,773 | 164,782 | 2397,045 | -0,829 | 876,42 | 900 | 0,00 | 0 | -0,0769 | 1,030 | 961,486 |
| 58,00 | 45,690 | 164,484 | 2401,618 | -0,826 | 873,25 | 900 | 0,00 | 0 | -0,0767 | 1,030 | 958,407 |
| 58,10 | 45,607 | 164,186 | 2406,183 | -0,824 | 870,09 | 900 | 0,00 | 0 | -0,0764 | 1,030 | 955,343 |
| 58,20 | 45,525 | 163,890 | 2410,740 | -0,821 | 866,95 | 900 | 0,00 | 0 | -0,0761 | 1,030 | 952,295 |
| 58,30 | 45,443 | 163,594 | 2415,288 | -0,818 | 863,83 | 900 | 0,00 | 0 | -0,0758 | 1,030 | 949,262 |
| 58,40 | 45,361 | 163,300 | 2419,828 | -0,816 | 860,72 | 900 | 0,00 | 0 | -0,0756 | 1,030 | 946,244 |
| 58,50 | 45,279 | 163,006 | 2424,360 | -0,813 | 857,63 | 900 | 0,00 | 0 | -0,0753 | 1,030 | 943,242 |
| 58,60 | 45,198 | 162,713 | 2428,884 | -0,811 | 854,55 | 900 | 0,00 | 0 | -0,0750 | 1,030 | 940,254 |
| 58,70 | 45,117 | 162,421 | 2433,400 | -0,808 | 851,49 | 900 | 0,00 | 0 | -0,0747 | 1,030 | 937,281 |
| 58,80 | 45,036 | 162,130 | 2437,908 | -0,805 | 848,44 | 900 | 0,00 | 0 | -0,0745 | 1,030 | 934,322 |
| 58,90 | 44,956 | 161,840 | 2442,407 | -0,803 | 845,41 | 900 | 0,00 | 0 | -0,0742 | 1,030 | 931,379 |
| 59,00 | 44,875 | 161,551 | 2446,899 | -0,800 | 842,39 | 900 | 0,00 | 0 | -0,0740 | 1,030 | 928,449 |
| 59,10 | 44,795 | 161,263 | 2451,382 | -0,798 | 839,39 | 900 | 0,00 | 0 | -0,0737 | 1,030 | 925,535 |
| 59,20 | 44,716 | 160,976 | 2455,858 | -0,795 | 836,40 | 900 | 0,00 | 0 | -0,0734 | 1,030 | 922,634 |
| 59,30 | 44,636 | 160,690 | 2460,325 | -0,793 | 833,43 | 900 | 0,00 | 0 | -0,0732 | 1,030 | 919,748 |
| 59,40 | 44,557 | 160,404 | 2464,785 | -0,790 | 830,47 | 900 | 0,00 | 0 | -0,0729 | 1,030 | 916,876 |
| 59,50 | 44,478 | 160,120 | 2469,237 | -0,788 | 827,53 | 900 | 0,00 | 0 | -0,0726 | 1,030 | 914,018 |
| 59,60 | 44,399 | 159,836 | 2473,681 | -0,785 | 824,60 | 900 | 0,00 | 0 | -0,0724 | 1,030 | 911,174 |
| 59,70 | 44,320 | 159,553 | 2478,117 | -0,783 | 821,68 | 900 | 0,00 | 0 | -0,0721 | 1,030 | 908,343 |
| 59,80 | 44,242 | 159,271 | 2482,545 | -0,781 | 818,78 | 900 | 0,00 | 0 | -0,0719 | 1,030 | 905,527 |
| 59,90 | 44,164 | 158,990 | 2486,965 | -0,778 | 815,89 | 900 | 0,00 | 0 | -0,0716 | 1,030 | 902,724 |
| 60,00 | 44,086 | 158,710 | 2491,377 | -0,776 | 813,02 | 900 | 0,00 | 0 | -0,0714 | 1,030 | 899,935 |
| 60,10 | 44,009 | 158,431 | 2495,782 | -0,773 | 810,16 | 900 | 0,00 | 0 | -0,0711 | 1,030 | 897,159 |
| 60,20 | 43,931 | 158,152 | 2500,179 | -0,771 | 807,32 | 900 | 0,00 | 0 | -0,0709 | 1,030 | 894,397 |
| 60,30 | 43,854 | 157,875 | 2504,568 | -0,769 | 804,49 | 900 | 0,00 | 0 | -0,0706 | 1,030 | 891,648 |
| 60,40 | 43,777 | 157,598 | 2508,950 | -0,766 | 801,67 | 900 | 0,00 | 0 | -0,0704 | 1,030 | 888,913 |
| 60,50 | 43,701 | 157,322 | 2513,324 | -0,764 | 798,86 | 900 | 0,00 | 0 | -0,0701 | 1,030 | 886,190 |
| 60,60 | 43,624 | 157,047 | 2517,690 | -0,762 | 796,07 | 900 | 0,00 | 0 | -0,0699 | 1,030 | 883,481 |
| 60,70 | 43,548 | 156,773 | 2522,049 | -0,759 | 793,30 | 900 | 0,00 | 0 | -0,0696 | 1,030 | 880,784 |
| 60,80 | 43,472 | 156,500 | 2526,400 | -0,757 | 790,53 | 900 | 0,00 | 0 | -0,0694 | 1,030 | 878,101 |
| 60,90 | 43,396 | 156,227 | 2530,743 | -0,755 | 787,78 | 900 | 0,00 | 0 | -0,0692 | 1,030 | 875,430 |
| 61,00 | 43,321 | 155,956 | 2535,079 | -0,752 | 785,04 | 900 | 0,00 | 0 | -0,0689 | 1,030 | 872,773 |
| 61,10 | 43,246 | 155,685 | 2539,407 | -0,750 | 782,32 | 900 | 0,00 | 0 | -0,0687 | 1,030 | 870,127 |
| 61,20 | 43,171 | 155,415 | 2543,728 | -0,748 | 779,61 | 900 | 0,00 | 0 | -0,0684 | 1,030 | 867,495 |
| 61,30 | 43,096 | 155,145 | 2548,042 | -0,746 | 776,91 | 900 | 0,00 | 0 | -0,0682 | 1,030 | 864,875 |
| 61,40 | 43,021 | 154,877 | 2552,347 | -0,743 | 774,22 | 900 | 0,00 | 0 | -0,0680 | 1,030 | 862,267 |
| 61,50 | 42,947 | 154,609 | 2556,646 | -0,741 | 771,55 | 900 | 0,00 | 0 | -0,0677 | 1,030 | 859,672 |
| 61,60 | 42,873 | 154,343 | 2560,937 | -0,739 | 768,89 | 900 | 0,00 | 0 | -0,0675 | 1,030 | 857,089 |
| 61,70 | 42,799 | 154,077 | 2565,221 | -0,737 | 766,24 | 900 | 0,00 | 0 | -0,0673 | 1,030 | 854,518 |
| 61,80 | 42,725 | 153,811 | 2569,497 | -0,734 | 763,61 | 900 | 0,00 | 0 | -0,0670 | 1,030 | 851,959 |
| 61,90 | 42,652 | 153,547 | 2573,766 | -0,732 | 760,98 | 900 | 0,00 | 0 | -0,0668 | 1,030 | 849,413 |
| 62,00 | 42,579 | 153,283 | 2578,027 | -0,730 | 758,37 | 900 | 0,00 | 0 | -0,0666 | 1,030 | 846,878 |
| 62,10 | 42,506 | 153,021 | 2582,281 | -0,728 | 755,77 | 900 | 0,00 | 0 | -0,0663 | 1,030 | 844,355 |
| 62,20 | 42,433 | 152,759 | 2586,528 | -0,726 | 753,19 | 900 | 0,00 | 0 | -0,0661 | 1,030 | 841,844 |
| 62,30 | 42,360 | 152,497 | 2590,768 | -0,724 | 750,61 | 900 | 0,00 | 0 | -0,0659 | 1,030 | 839,345 |
| 62,40 | 42,288 | 152,237 | 2595,000 | -0,721 | 748,05 | 900 | 0,00 | 0 | -0,0657 | 1,030 | 836,858 |
| 62,50 | 42,216 | 151,977 | 2599,226 | -0,719 | 745,50 | 900 | 0,00 | 0 | -0,0654 | 1,030 | 834,382 |
| 62,60 | 42,144 | 151,718 | 2603,444 | -0,717 | 742,96 | 900 | 0,00 | 0 | -0,0652 | 1,030 | 831,918 |
| 62,70 | 42,072 | 151,460 | 2607,654 | -0,715 | 740,44 | 900 | 0,00 | 0 | -0,0650 | 1,030 | 829,465 |
| 62,80 | 42,001 | 151,203 | 2611,858 | -0,713 | 737,92 | 900 | 0,00 | 0 | -0,0648 | 1,030 | 827,023 |
| 62,90 | 41,929 | 150,946 | 2616,055 | -0,711 | 735,42 | 900 | 0,00 | 0 | -0,0646 | 1,030 | 824,593 |
| 63,00 | 41,858 | 150,690 | 2620,244 | -0,709 | 732,93 | 900 | 0,00 | 0 | -0,0643 | 1,030 | 822,174 |
| 63,10 | 41,787 | 150,435 | 2624,426 | -0,707 | 730,45 | 900 | 0,00 | 0 | -0,0641 | 1,030 | 819,766 |
| 63,20 | 41,717 | 150,180 | 2628,601 | -0,705 | 727,98 | 900 | 0,00 | 0 | -0,0639 | 1,030 | 817,370 |
| 63,30 | 41,646 | 149,927 | 2632,770 | -0,703 | 725,52 | 900 | 0,00 | 0 | -0,0637 | 1,030 | 814,984 |
| 63,40 | 41,576 | 149,674 | 2636,931 | -0,701 | 723,08 | 900 | 0,00 | 0 | -0,0635 | 1,030 | 812,610 |
| 63,50 | 41,506 | 149,422 | 2641,085 | -0,698 | 720,64 | 900 | 0,00 | 0 | -0,0633 | 1,030 | 810,246 |
| 63,60 | 41,436 | 149,170 | 2645,232 | -0,696 | 718,22 | 900 | 0,00 | 0 | -0,0631 | 1,030 | 807,893 |
| 63,70 | 41,367 | 148,919 | 2649,372 | -0,694 | 715,81 | 900 | 0,00 | 0 | -0,0628 | 1,030 | 805,551 |
| 63,80 | 41,297 | 148,669 | 2653,505 | -0,692 | 713,40 | 900 | 0,00 | 0 | -0,0626 | 1,030 | 803,220 |
| 63,90 | 41,228 | 148,420 | 2657,631 | -0,690 | 711,01 | 900 | 0,00 | 0 | -0,0624 | 1,030 | 800,899 |
| 64,00 | 41,159 | 148,172 | 2661,751 | -0,688 | 708,63 | 900 | 0,00 | 0 | -0,0622 | 1,030 | 798,589 |
| 64,10 | 41,090 | 147,924 | 2665,863 | -0,686 | 706,27 | 900 | 0,00 | 0 | -0,0620 | 1,030 | 796,289 |
| 64,20 | 41,021 | 147,677 | 2669,969 | -0,684 | 703,91 | 900 | 0,00 | 0 | -0,0618 | 1,030 | 794,000 |
| 64,30 | 40,953 | 147,430 | 2674,067 | -0,683 | 701,56 | 900 | 0,00 | 0 | -0,0616 | 1,030 | 791,721 |
| 64,40 | 40,885 | 147,185 | 2678,159 | -0,681 | 699,22 | 900 | 0,00 | 0 | -0,0614 | 1,030 | 789,453 |
| 64,50 | 40,817 | 146,940 | 2682,244 | -0,679 | 696,90 | 900 | 0,00 | 0 | -0,0612 | 1,030 | 787,195 |
| 64,60 | 40,749 | 146,695 | 2686,323 | -0,677 | 694,58 | 900 | 0,00 | 0 | -0,0610 | 1,030 | 784,947 |
| 64,70 | 40,681 | 146,452 | 2690,394 | -0,675 | 692,28 | 900 | 0,00 | 0 | -0,0608 | 1,030 | 782,709 |
| 64,80 | 40,614 | 146,209 | 2694,459 | -0,673 | 689,98 | 900 | 0,00 | 0 | -0,0606 | 1,030 | 780,481 |
| 64,90 | 40,546 | 145,967 | 2698,517 | -0,671 | 687,70 | 900 | 0,00 | 0 | -0,0604 | 1,030 | 778,263 |
| 65,00 | 40,479 | 145,725 | 2702,568 | -0,669 | 685,43 | 900 | 0,00 | 0 | -0,0602 | 1,030 | 776,056 |
| 65,10 | 40,412 | 145,484 | 2706,613 | -0,667 | 683,16 | 900 | 0,00 | 0 | -0,0600 | 1,030 | 773,858 |
| 65,20 | 40,346 | 145,244 | 2710,651 | -0,665 | 680,91 | 900 | 0,00 | 0 | -0,0598 | 1,030 | 771,670 |
| 65,30 | 40,279 | 145,005 | 2714,682 | -0,663 | 678,66 | 900 | 0,00 | 0 | -0,0596 | 1,030 | 769,492 |
| 65,40 | 40,213 | 144,766 | 2718,706 | -0,661 | 676,43 | 900 | 0,00 | 0 | -0,0594 | 1,030 | 767,323 |
| 65,50 | 40,147 | 144,528 | 2722,724 | -0,660 | 674,21 | 900 | 0,00 | 0 | -0,0592 | 1,030 | 765,164 |
| 65,60 | 40,081 | 144,290 | 2726,736 | -0,658 | 671,99 | 900 | 0,00 | 0 | -0,0590 | 1,030 | 763,015 |
| 65,70 | 40,015 | 144,053 | 2730,741 | -0,656 | 669,79 | 900 | 0,00 | 0 | -0,0588 | 1,030 | 760,875 |
| 65,80 | 39,949 | 143,817 | 2734,739 | -0,654 | 667,60 | 900 | 0,00 | 0 | -0,0586 | 1,030 | 758,745 |
| 65,90 | 39,884 | 143,582 | 2738,730 | -0,652 | 665,41 | 900 | 0,00 | 0 | -0,0584 | 1,030 | 756,625 |
| 66,00 | 39,819 | 143,347 | 2742,716 | -0,650 | 663,24 | 900 | 0,00 | 0 | -0,0582 | 1,030 | 754,513 |
| 66,10 | 39,754 | 143,113 | 2746,694 | -0,649 | 661,07 | 900 | 0,00 | 0 | -0,0580 | 1,030 | 752,411 |
| 66,20 | 39,689 | 142,879 | 2750,666 | -0,647 | 658,92 | 900 | 0,00 | 0 | -0,0578 | 1,030 | 750,319 |
| 66,30 | 39,624 | 142,646 | 2754,632 | -0,645 | 656,77 | 900 | 0,00 | 0 | -0,0577 | 1,030 | 748,235 |
| 66,40 | 39,559 | 142,414 | 2758,591 | -0,643 | 654,63 | 900 | 0,00 | 0 | -0,0575 | 1,030 | 746,161 |
| 66,50 | 39,495 | 142,183 | 2762,544 | -0,641 | 652,51 | 900 | 0,00 | 0 | -0,0573 | 1,030 | 744,096 |
| 66,60 | 39,431 | 141,952 | 2766,490 | -0,640 | 650,39 | 900 | 0,00 | 0 | -0,0571 | 1,030 | 742,039 |
| 66,70 | 39,367 | 141,721 | 2770,430 | -0,638 | 648,28 | 900 | 0,00 | 0 | -0,0569 | 1,030 | 739,992 |
| 66,80 | 39,303 | 141,492 | 2774,363 | -0,636 | 646,18 | 900 | 0,00 | 0 | -0,0567 | 1,030 | 737,954 |
| 66,90 | 39,240 | 141,263 | 2778,291 | -0,634 | 644,09 | 900 | 0,00 | 0 | -0,0565 | 1,030 | 735,925 |
| 67,00 | 39,176 | 141,034 | 2782,211 | -0,633 | 642,01 | 900 | 0,00 | 0 | -0,0564 | 1,030 | 733,904 |
| 67,10 | 39,113 | 140,807 | 2786,126 | -0,631 | 639,94 | 900 | 0,00 | 0 | -0,0562 | 1,030 | 731,893 |
| 67,20 | 39,050 | 140,579 | 2790,034 | -0,629 | 637,87 | 900 | 0,00 | 0 | -0,0560 | 1,030 | 729,890 |
| 67,30 | 38,987 | 140,353 | 2793,936 | -0,627 | 635,82 | 900 | 0,00 | 0 | -0,0558 | 1,030 | 727,896 |
| 67,40 | 38,924 | 140,127 | 2797,831 | -0,626 | 633,78 | 900 | 0,00 | 0 | -0,0556 | 1,030 | 725,910 |
| 67,50 | 38,862 | 139,902 | 2801,721 | -0,624 | 631,74 | 900 | 0,00 | 0 | -0,0555 | 1,030 | 723,933 |
| 67,60 | 38,799 | 139,677 | 2805,604 | -0,622 | 629,71 | 900 | 0,00 | 0 | -0,0553 | 1,030 | 721,965 |
| 67,70 | 38,737 | 139,453 | 2809,481 | -0,621 | 627,69 | 900 | 0,00 | 0 | -0,0551 | 1,030 | 720,005 |
| 67,80 | 38,675 | 139,230 | 2813,351 | -0,619 | 625,68 | 900 | 0,00 | 0 | -0,0549 | 1,030 | 718,054 |
| 67,90 | 38,613 | 139,007 | 2817,216 | -0,617 | 623,68 | 900 | 0,00 | 0 | -0,0548 | 1,030 | 716,111 |
| 68,00 | 38,551 | 138,784 | 2821,074 | -0,616 | 621,69 | 900 | 0,00 | 0 | -0,0546 | 1,030 | 714,176 |
| 68,10 | 38,490 | 138,563 | 2824,926 | -0,614 | 619,71 | 900 | 0,00 | 0 | -0,0544 | 1,030 | 712,250 |
| 68,20 | 38,428 | 138,342 | 2828,772 | -0,612 | 617,73 | 900 | 0,00 | 0 | -0,0542 | 1,030 | 710,332 |
| 68,30 | 38,367 | 138,121 | 2832,611 | -0,611 | 615,76 | 900 | 0,00 | 0 | -0,0541 | 1,030 | 708,422 |
| 68,40 | 38,306 | 137,901 | 2836,445 | -0,609 | 613,80 | 900 | 0,00 | 0 | -0,0539 | 1,030 | 706,520 |
| 68,50 | 38,245 | 137,682 | 2840,273 | -0,607 | 611,85 | 900 | 0,00 | 0 | -0,0537 | 1,030 | 704,627 |
| 68,60 | 38,184 | 137,464 | 2844,094 | -0,606 | 609,91 | 900 | 0,00 | 0 | -0,0535 | 1,030 | 702,741 |
| 68,70 | 38,124 | 137,245 | 2847,910 | -0,604 | 607,98 | 900 | 0,00 | 0 | -0,0534 | 1,030 | 700,864 |
| 68,80 | 38,063 | 137,028 | 2851,719 | -0,603 | 606,05 | 900 | 0,00 | 0 | -0,0532 | 1,030 | 698,994 |
| 68,90 | 38,003 | 136,811 | 2855,522 | -0,601 | 604,13 | 900 | 0,00 | 0 | -0,0530 | 1,030 | 697,133 |
| 69,00 | 37,943 | 136,595 | 2859,319 | -0,599 | 602,23 | 900 | 0,00 | 0 | -0,0529 | 1,030 | 695,279 |
| 69,10 | 37,883 | 136,379 | 2863,111 | -0,598 | 600,32 | 900 | 0,00 | 0 | -0,0527 | 1,030 | 693,433 |
| 69,20 | 37,823 | 136,164 | 2866,896 | -0,596 | 598,43 | 900 | 0,00 | 0 | -0,0525 | 1,030 | 691,596 |
| 69,30 | 37,764 | 135,949 | 2870,675 | -0,595 | 596,55 | 900 | 0,00 | 0 | -0,0524 | 1,030 | 689,765 |
| 69,40 | 37,704 | 135,735 | 2874,449 | -0,593 | 594,67 | 900 | 0,00 | 0 | -0,0522 | 1,030 | 687,943 |
| 69,50 | 37,645 | 135,521 | 2878,216 | -0,591 | 592,80 | 900 | 0,00 | 0 | -0,0520 | 1,030 | 686,128 |
| 69,60 | 37,586 | 135,309 | 2881,978 | -0,590 | 590,94 | 900 | 0,00 | 0 | -0,0519 | 1,030 | 684,321 |
| 69,70 | 37,527 | 135,096 | 2885,733 | -0,588 | 589,08 | 900 | 0,00 | 0 | -0,0517 | 1,030 | 682,521 |
| 69,80 | 37,468 | 134,884 | 2889,483 | -0,587 | 587,24 | 900 | 0,00 | 0 | -0,0516 | 1,030 | 680,729 |
| 69,90 | 37,409 | 134,673 | 2893,227 | -0,585 | 585,40 | 900 | 0,00 | 0 | -0,0514 | 1,030 | 678,945 |
| 70,00 | 37,351 | 134,462 | 2896,965 | -0,584 | 583,57 | 900 | 0,00 | 0 | -0,0512 | 1,030 | 677,168 |
| 70,10 | 37,292 | 134,252 | 2900,697 | -0,582 | 581,75 | 900 | 0,00 | 0 | -0,0511 | 1,030 | 675,398 |
| 70,20 | 37,234 | 134,043 | 2904,423 | -0,581 | 579,93 | 900 | 0,00 | 0 | -0,0509 | 1,030 | 673,636 |
| 70,30 | 37,176 | 133,834 | 2908,144 | -0,579 | 578,13 | 900 | 0,00 | 0 | -0,0508 | 1,030 | 671,881 |
| 70,40 | 37,118 | 133,625 | 2911,859 | -0,578 | 576,33 | 900 | 0,00 | 0 | -0,0506 | 1,030 | 670,133 |
| 70,50 | 37,060 | 133,417 | 2915,568 | -0,576 | 574,53 | 900 | 0,00 | 0 | -0,0504 | 1,030 | 668,393 |
| 70,60 | 37,003 | 133,210 | 2919,271 | -0,575 | 572,75 | 900 | 0,00 | 0 | -0,0503 | 1,030 | 666,660 |
| 70,70 | 36,945 | 133,003 | 2922,968 | -0,573 | 570,97 | 900 | 0,00 | 0 | -0,0501 | 1,030 | 664,934 |
| 70,80 | 36,888 | 132,796 | 2926,660 | -0,572 | 569,20 | 900 | 0,00 | 0 | -0,0500 | 1,030 | 663,215 |
| 70,90 | 36,831 | 132,591 | 2930,346 | -0,570 | 567,44 | 900 | 0,00 | 0 | -0,0498 | 1,030 | 661,503 |
| 71,00 | 36,774 | 132,385 | 2934,026 | -0,569 | 565,68 | 900 | 0,00 | 0 | -0,0497 | 1,030 | 659,798 |
| 71,10 | 36,717 | 132,180 | 2937,700 | -0,567 | 563,93 | 900 | 0,00 | 0 | -0,0495 | 1,030 | 658,101 |
| 71,20 | 36,660 | 131,976 | 2941,369 | -0,566 | 562,19 | 900 | 0,00 | 0 | -0,0494 | 1,030 | 656,410 |
| 71,30 | 36,603 | 131,773 | 2945,032 | -0,564 | 560,46 | 900 | 0,00 | 0 | -0,0492 | 1,030 | 654,726 |
| 71,40 | 36,547 | 131,569 | 2948,690 | -0,563 | 558,73 | 900 | 0,00 | 0 | -0,0490 | 1,030 | 653,050 |
| 71,50 | 36,491 | 131,367 | 2952,342 | -0,562 | 557,01 | 900 | 0,00 | 0 | -0,0489 | 1,030 | 651,380 |
| 71,60 | 36,435 | 131,165 | 2955,988 | -0,560 | 555,30 | 900 | 0,00 | 0 | -0,0487 | 1,030 | 649,717 |
| 71,70 | 36,379 | 130,963 | 2959,629 | -0,559 | 553,59 | 900 | 0,00 | 0 | -0,0486 | 1,030 | 648,060 |
| 71,80 | 36,323 | 130,762 | 2963,264 | -0,557 | 551,89 | 900 | 0,00 | 0 | -0,0484 | 1,030 | 646,411 |
| 71,90 | 36,267 | 130,561 | 2966,893 | -0,556 | 550,20 | 900 | 0,00 | 0 | -0,0483 | 1,030 | 644,768 |
| 72,00 | 36,211 | 130,361 | 2970,517 | -0,554 | 548,51 | 900 | 0,00 | 0 | -0,0482 | 1,030 | 643,132 |
| 72,10 | 36,156 | 130,161 | 2974,136 | -0,553 | 546,84 | 900 | 0,00 | 0 | -0,0480 | 1,030 | 641,502 |
| 72,20 | 36,101 | 129,962 | 2977,748 | -0,552 | 545,16 | 900 | 0,00 | 0 | -0,0479 | 1,030 | 639,880 |
| 72,30 | 36,045 | 129,764 | 2981,356 | -0,550 | 543,50 | 900 | 0,00 | 0 | -0,0477 | 1,030 | 638,263 |
| 72,40 | 35,990 | 129,566 | 2984,958 | -0,549 | 541,84 | 900 | 0,00 | 0 | -0,0476 | 1,030 | 636,654 |
| 72,50 | 35,936 | 129,368 | 2988,554 | -0,547 | 540,19 | 900 | 0,00 | 0 | -0,0474 | 1,030 | 635,050 |
| 72,60 | 35,881 | 129,171 | 2992,145 | -0,546 | 538,55 | 900 | 0,00 | 0 | -0,0473 | 1,030 | 633,454 |
| 72,70 | 35,826 | 128,974 | 2995,730 | -0,545 | 536,91 | 900 | 0,00 | 0 | -0,0471 | 1,030 | 631,863 |
| 72,80 | 35,772 | 128,778 | 2999,310 | -0,543 | 535,28 | 900 | 0,00 | 0 | -0,0470 | 1,030 | 630,280 |
| 72,90 | 35,717 | 128,583 | 3002,884 | -0,542 | 533,65 | 900 | 0,00 | 0 | -0,0468 | 1,030 | 628,702 |
| 73,00 | 35,663 | 128,388 | 3006,453 | -0,541 | 532,03 | 900 | 0,00 | 0 | -0,0467 | 1,030 | 627,131 |
| 73,10 | 35,609 | 128,193 | 3010,017 | -0,539 | 530,42 | 900 | 0,00 | 0 | -0,0466 | 1,030 | 625,566 |
| 73,20 | 35,555 | 127,999 | 3013,575 | -0,538 | 528,82 | 900 | 0,00 | 0 | -0,0464 | 1,030 | 624,007 |
| 73,30 | 35,501 | 127,805 | 3017,128 | -0,537 | 527,22 | 900 | 0,00 | 0 | -0,0463 | 1,030 | 622,455 |
| 73,40 | 35,448 | 127,612 | 3020,676 | -0,535 | 525,62 | 900 | 0,00 | 0 | -0,0461 | 1,030 | 620,909 |
| 73,50 | 35,394 | 127,419 | 3024,218 | -0,534 | 524,04 | 900 | 0,00 | 0 | -0,0460 | 1,030 | 619,369 |
| 73,60 | 35,341 | 127,227 | 3027,754 | -0,533 | 522,46 | 900 | 0,00 | 0 | -0,0459 | 1,030 | 617,835 |
| 73,70 | 35,288 | 127,035 | 3031,286 | -0,531 | 520,88 | 900 | 0,00 | 0 | -0,0457 | 1,030 | 616,307 |
| 73,80 | 35,234 | 126,844 | 3034,812 | -0,530 | 519,32 | 900 | 0,00 | 0 | -0,0456 | 1,030 | 614,785 |
| 73,90 | 35,181 | 126,653 | 3038,333 | -0,529 | 517,76 | 900 | 0,00 | 0 | -0,0455 | 1,030 | 613,270 |
| 74,00 | 35,129 | 126,463 | 3041,848 | -0,527 | 516,20 | 900 | 0,00 | 0 | -0,0453 | 1,030 | 611,760 |
| 74,10 | 35,076 | 126,273 | 3045,358 | -0,526 | 514,65 | 900 | 0,00 | 0 | -0,0452 | 1,030 | 610,257 |
| 74,20 | 35,023 | 126,084 | 3048,863 | -0,525 | 513,11 | 900 | 0,00 | 0 | -0,0450 | 1,030 | 608,759 |
| 74,30 | 34,971 | 125,895 | 3052,363 | -0,524 | 511,57 | 900 | 0,00 | 0 | -0,0449 | 1,030 | 607,267 |
| 74,40 | 34,918 | 125,706 | 3055,858 | -0,522 | 510,04 | 900 | 0,00 | 0 | -0,0448 | 1,030 | 605,781 |
| 74,50 | 34,866 | 125,518 | 3059,347 | -0,521 | 508,52 | 900 | 0,00 | 0 | -0,0446 | 1,030 | 604,301 |
| 74,60 | 34,814 | 125,331 | 3062,831 | -0,520 | 507,00 | 900 | 0,00 | 0 | -0,0445 | 1,030 | 602,827 |
| 74,70 | 34,762 | 125,144 | 3066,310 | -0,518 | 505,49 | 900 | 0,00 | 0 | -0,0444 | 1,030 | 601,358 |
| 74,80 | 34,710 | 124,957 | 3069,783 | -0,517 | 503,98 | 900 | 0,00 | 0 | -0,0442 | 1,030 | 599,896 |
| 74,90 | 34,659 | 124,771 | 3073,252 | -0,516 | 502,48 | 900 | 0,00 | 0 | -0,0441 | 1,030 | 598,439 |
| 75,00 | 34,607 | 124,585 | 3076,715 | -0,515 | 500,99 | 900 | 0,00 | 0 | -0,0440 | 1,030 | 596,988 |
| 75,10 | 34,556 | 124,400 | 3080,173 | -0,513 | 499,50 | 900 | 0,00 | 0 | -0,0438 | 1,030 | 595,542 |
| 75,20 | 34,504 | 124,215 | 3083,626 | -0,512 | 498,01 | 900 | 0,00 | 0 | -0,0437 | 1,030 | 594,102 |
| 75,30 | 34,453 | 124,031 | 3087,074 | -0,511 | 496,54 | 900 | 0,00 | 0 | -0,0436 | 1,030 | 592,668 |
| 75,40 | 34,402 | 123,847 | 3090,517 | -0,510 | 495,06 | 900 | 0,00 | 0 | -0,0435 | 1,030 | 591,239 |
| 75,50 | 34,351 | 123,663 | 3093,954 | -0,508 | 493,60 | 900 | 0,00 | 0 | -0,0433 | 1,030 | 589,816 |
| 75,60 | 34,300 | 123,480 | 3097,387 | -0,507 | 492,14 | 900 | 0,00 | 0 | -0,0432 | 1,030 | 588,398 |
| 75,70 | 34,249 | 123,298 | 3100,814 | -0,506 | 490,68 | 900 | 0,00 | 0 | -0,0431 | 1,030 | 586,986 |
| 75,80 | 34,199 | 123,115 | 3104,237 | -0,505 | 489,23 | 900 | 0,00 | 0 | -0,0429 | 1,030 | 585,579 |
| 75,90 | 34,148 | 122,934 | 3107,654 | -0,504 | 487,79 | 900 | 0,00 | 0 | -0,0428 | 1,030 | 584,178 |
| 76,00 | 34,098 | 122,752 | 3111,066 | -0,502 | 486,35 | 900 | 0,00 | 0 | -0,0427 | 1,030 | 582,782 |
| 76,10 | 34,048 | 122,572 | 3114,474 | -0,501 | 484,92 | 900 | 0,00 | 0 | -0,0426 | 1,030 | 581,392 |
| 76,20 | 33,998 | 122,391 | 3117,876 | -0,500 | 483,50 | 900 | 0,00 | 0 | -0,0424 | 1,030 | 580,007 |
| 76,30 | 33,948 | 122,211 | 3121,273 | -0,499 | 482,07 | 900 | 0,00 | 0 | -0,0423 | 1,030 | 578,627 |
| 76,40 | 33,898 | 122,032 | 3124,666 | -0,498 | 480,66 | 900 | 0,00 | 0 | -0,0422 | 1,030 | 577,253 |
| 76,50 | 33,848 | 121,852 | 3128,053 | -0,496 | 479,25 | 900 | 0,00 | 0 | -0,0421 | 1,030 | 575,884 |
| 76,60 | 33,798 | 121,674 | 3131,435 | -0,495 | 477,84 | 900 | 0,00 | 0 | -0,0419 | 1,030 | 574,520 |
| 76,70 | 33,749 | 121,495 | 3134,812 | -0,494 | 476,44 | 900 | 0,00 | 0 | -0,0418 | 1,030 | 573,161 |
| 76,80 | 33,699 | 121,318 | 3138,185 | -0,493 | 475,05 | 900 | 0,00 | 0 | -0,0417 | 1,030 | 571,808 |
| 76,90 | 33,650 | 121,140 | 3141,552 | -0,492 | 473,66 | 900 | 0,00 | 0 | -0,0416 | 1,030 | 570,459 |
| 77,00 | 33,601 | 120,963 | 3144,915 | -0,491 | 472,28 | 900 | 0,00 | 0 | -0,0415 | 1,030 | 569,116 |
| 77,10 | 33,552 | 120,786 | 3148,272 | -0,489 | 470,90 | 900 | 0,00 | 0 | -0,0413 | 1,030 | 567,778 |
| 77,20 | 33,503 | 120,610 | 3151,625 | -0,488 | 469,53 | 900 | 0,00 | 0 | -0,0412 | 1,030 | 566,445 |
| 77,30 | 33,454 | 120,434 | 3154,973 | -0,487 | 468,16 | 900 | 0,00 | 0 | -0,0411 | 1,030 | 565,117 |
| 77,40 | 33,405 | 120,259 | 3158,316 | -0,486 | 466,80 | 900 | 0,00 | 0 | -0,0410 | 1,030 | 563,795 |
| 77,50 | 33,357 | 120,084 | 3161,654 | -0,485 | 465,44 | 900 | 0,00 | 0 | -0,0409 | 1,030 | 562,477 |
| 77,60 | 33,308 | 119,910 | 3164,987 | -0,484 | 464,09 | 900 | 0,00 | 0 | -0,0407 | 1,030 | 561,164 |
| 77,70 | 33,260 | 119,735 | 3168,316 | -0,483 | 462,74 | 900 | 0,00 | 0 | -0,0406 | 1,030 | 559,856 |
| 77,80 | 33,212 | 119,562 | 3171,639 | -0,482 | 461,40 | 900 | 0,00 | 0 | -0,0405 | 1,030 | 558,553 |
| 77,90 | 33,163 | 119,388 | 3174,958 | -0,480 | 460,06 | 900 | 0,00 | 0 | -0,0404 | 1,030 | 557,255 |
| 78,00 | 33,115 | 119,215 | 3178,272 | -0,479 | 458,73 | 900 | 0,00 | 0 | -0,0403 | 1,030 | 555,962 |
| 78,10 | 33,067 | 119,043 | 3181,581 | -0,478 | 457,40 | 900 | 0,00 | 0 | -0,0402 | 1,030 | 554,674 |
| 78,20 | 33,020 | 118,871 | 3184,886 | -0,477 | 456,08 | 900 | 0,00 | 0 | -0,0400 | 1,030 | 553,390 |
| 78,30 | 32,972 | 118,699 | 3188,185 | -0,476 | 454,76 | 900 | 0,00 | 0 | -0,0399 | 1,030 | 552,112 |
| 78,40 | 32,924 | 118,528 | 3191,480 | -0,475 | 453,45 | 900 | 0,00 | 0 | -0,0398 | 1,030 | 550,838 |
| 78,50 | 32,877 | 118,357 | 3194,770 | -0,474 | 452,14 | 900 | 0,00 | 0 | -0,0397 | 1,030 | 549,569 |
| 78,60 | 32,829 | 118,186 | 3198,055 | -0,473 | 450,84 | 900 | 0,00 | 0 | -0,0396 | 1,030 | 548,305 |
| 78,70 | 32,782 | 118,016 | 3201,336 | -0,472 | 449,54 | 900 | 0,00 | 0 | -0,0395 | 1,030 | 547,045 |
| 78,80 | 32,735 | 117,846 | 3204,612 | -0,471 | 448,25 | 900 | 0,00 | 0 | -0,0394 | 1,030 | 545,791 |
| 78,90 | 32,688 | 117,677 | 3207,883 | -0,469 | 446,96 | 900 | 0,00 | 0 | -0,0392 | 1,030 | 544,540 |
| 79,00 | 32,641 | 117,508 | 3211,149 | -0,468 | 445,68 | 900 | 0,00 | 0 | -0,0391 | 1,030 | 543,295 |
| 79,10 | 32,594 | 117,339 | 3214,411 | -0,467 | 444,40 | 900 | 0,00 | 0 | -0,0390 | 1,030 | 542,054 |
| 79,20 | 32,547 | 117,171 | 3217,668 | -0,466 | 443,13 | 900 | 0,00 | 0 | -0,0389 | 1,030 | 540,818 |
| 79,30 | 32,501 | 117,003 | 3220,921 | -0,465 | 441,86 | 900 | 0,00 | 0 | -0,0388 | 1,030 | 539,586 |
| 79,40 | 32,454 | 116,836 | 3224,168 | -0,464 | 440,60 | 900 | 0,00 | 0 | -0,0387 | 1,030 | 538,359 |
| 79,50 | 32,408 | 116,669 | 3227,411 | -0,463 | 439,34 | 900 | 0,00 | 0 | -0,0386 | 1,030 | 537,137 |
| 79,60 | 32,362 | 116,502 | 3230,650 | -0,462 | 438,08 | 900 | 0,00 | 0 | -0,0385 | 1,030 | 535,919 |
| 79,70 | 32,315 | 116,336 | 3233,884 | -0,461 | 436,83 | 900 | 0,00 | 0 | -0,0383 | 1,030 | 534,705 |
| 79,80 | 32,269 | 116,170 | 3237,113 | -0,460 | 435,59 | 900 | 0,00 | 0 | -0,0382 | 1,030 | 533,496 |
| 79,90 | 32,223 | 116,004 | 3240,338 | -0,459 | 434,35 | 900 | 0,00 | 0 | -0,0381 | 1,030 | 532,291 |
| 80,00 | 32,177 | 115,839 | 3243,558 | -0,458 | 433,11 | 900 | 0,00 | 0 | -0,0380 | 1,030 | 531,091 |
| 80,10 | 32,132 | 115,674 | 3246,773 | -0,457 | 431,88 | 900 | 0,00 | 0 | -0,0379 | 1,030 | 529,895 |
| 80,20 | 32,086 | 115,510 | 3249,984 | -0,456 | 430,65 | 900 | 0,00 | 0 | -0,0378 | 1,030 | 528,704 |
| 80,30 | 32,040 | 115,345 | 3253,190 | -0,455 | 429,43 | 900 | 0,00 | 0 | -0,0377 | 1,030 | 527,517 |
| 80,40 | 31,995 | 115,182 | 3256,392 | -0,454 | 428,21 | 900 | 0,00 | 0 | -0,0376 | 1,030 | 526,334 |
| 80,50 | 31,950 | 115,018 | 3259,589 | -0,453 | 427,00 | 900 | 0,00 | 0 | -0,0375 | 1,030 | 525,156 |
| 80,60 | 31,904 | 114,855 | 3262,782 | -0,452 | 425,79 | 900 | 0,00 | 0 | -0,0374 | 1,030 | 523,982 |
| 80,70 | 31,859 | 114,693 | 3265,970 | -0,451 | 424,58 | 900 | 0,00 | 0 | -0,0373 | 1,030 | 522,812 |
| 80,80 | 31,814 | 114,531 | 3269,154 | -0,450 | 423,38 | 900 | 0,00 | 0 | -0,0372 | 1,030 | 521,647 |
| 80,90 | 31,769 | 114,369 | 3272,333 | -0,449 | 422,19 | 900 | 0,00 | 0 | -0,0371 | 1,030 | 520,486 |
| 81,00 | 31,724 | 114,207 | 3275,508 | -0,448 | 421,00 | 900 | 0,00 | 0 | -0,0370 | 1,030 | 519,329 |
| 81,10 | 31,679 | 114,046 | 3278,678 | -0,447 | 419,81 | 900 | 0,00 | 0 | -0,0369 | 1,030 | 518,176 |
| 81,20 | 31,635 | 113,885 | 3281,844 | -0,446 | 418,63 | 900 | 0,00 | 0 | -0,0367 | 1,030 | 517,027 |
| 81,30 | 31,590 | 113,725 | 3285,005 | -0,445 | 417,45 | 900 | 0,00 | 0 | -0,0366 | 1,030 | 515,883 |
| 81,40 | 31,546 | 113,565 | 3288,162 | -0,444 | 416,27 | 900 | 0,00 | 0 | -0,0365 | 1,030 | 514,742 |
| 81,50 | 31,501 | 113,405 | 3291,314 | -0,443 | 415,10 | 900 | 0,00 | 0 | -0,0364 | 1,030 | 513,606 |
| 81,60 | 31,457 | 113,245 | 3294,462 | -0,442 | 413,94 | 900 | 0,00 | 0 | -0,0363 | 1,030 | 512,474 |
| 81,70 | 31,413 | 113,086 | 3297,605 | -0,441 | 412,77 | 900 | 0,00 | 0 | -0,0362 | 1,030 | 511,346 |
| 81,80 | 31,369 | 112,928 | 3300,744 | -0,440 | 411,62 | 900 | 0,00 | 0 | -0,0361 | 1,030 | 510,222 |
| 81,90 | 31,325 | 112,769 | 3303,879 | -0,439 | 410,46 | 900 | 0,00 | 0 | -0,0360 | 1,030 | 509,102 |
| 82,00 | 31,281 | 112,611 | 3307,009 | -0,438 | 409,31 | 900 | 0,00 | 0 | -0,0359 | 1,030 | 507,986 |
| 82,10 | 31,237 | 112,454 | 3310,135 | -0,437 | 408,17 | 900 | 0,00 | 0 | -0,0358 | 1,030 | 506,874 |
| 82,20 | 31,193 | 112,296 | 3313,257 | -0,436 | 407,03 | 900 | 0,00 | 0 | -0,0357 | 1,030 | 505,766 |
| 82,30 | 31,150 | 112,139 | 3316,374 | -0,435 | 405,89 | 900 | 0,00 | 0 | -0,0356 | 1,030 | 504,663 |
| 82,40 | 31,106 | 111,983 | 3319,487 | -0,434 | 404,76 | 900 | 0,00 | 0 | -0,0355 | 1,030 | 503,563 |
| 82,50 | 31,063 | 111,827 | 3322,595 | -0,433 | 403,63 | 900 | 0,00 | 0 | -0,0354 | 1,030 | 502,466 |
| 82,60 | 31,020 | 111,671 | 3325,699 | -0,432 | 402,50 | 900 | 0,00 | 0 | -0,0353 | 1,030 | 501,374 |
| 82,70 | 30,976 | 111,515 | 3328,799 | -0,431 | 401,38 | 900 | 0,00 | 0 | -0,0352 | 1,030 | 500,286 |
| 82,80 | 30,933 | 111,360 | 3331,895 | -0,430 | 400,27 | 900 | 0,00 | 0 | -0,0351 | 1,030 | 499,202 |
| 82,90 | 30,890 | 111,205 | 3334,986 | -0,429 | 399,15 | 900 | 0,00 | 0 | -0,0350 | 1,030 | 498,121 |
| 83,00 | 30,847 | 111,050 | 3338,073 | -0,428 | 398,04 | 900 | 0,00 | 0 | -0,0349 | 1,030 | 497,045 |
| 83,10 | 30,804 | 110,896 | 3341,155 | -0,428 | 396,94 | 900 | 0,00 | 0 | -0,0348 | 1,030 | 495,972 |
| 83,20 | 30,762 | 110,742 | 3344,234 | -0,427 | 395,84 | 900 | 0,00 | 0 | -0,0347 | 1,030 | 494,903 |
| 83,30 | 30,719 | 110,588 | 3347,308 | -0,426 | 394,74 | 900 | 0,00 | 0 | -0,0347 | 1,030 | 493,837 |
| 83,40 | 30,676 | 110,435 | 3350,377 | -0,425 | 393,65 | 900 | 0,00 | 0 | -0,0346 | 1,030 | 492,776 |
| 83,50 | 30,634 | 110,282 | 3353,443 | -0,424 | 392,56 | 900 | 0,00 | 0 | -0,0345 | 1,030 | 491,718 |
| 83,60 | 30,592 | 110,130 | 3356,504 | -0,423 | 391,47 | 900 | 0,00 | 0 | -0,0344 | 1,030 | 490,664 |
| 83,70 | 30,549 | 109,977 | 3359,561 | -0,422 | 390,39 | 900 | 0,00 | 0 | -0,0343 | 1,030 | 489,614 |
| 83,80 | 30,507 | 109,825 | 3362,614 | -0,421 | 389,31 | 900 | 0,00 | 0 | -0,0342 | 1,030 | 488,567 |
| 83,90 | 30,465 | 109,674 | 3365,663 | -0,420 | 388,24 | 900 | 0,00 | 0 | -0,0341 | 1,030 | 487,524 |
| 84,00 | 30,423 | 109,523 | 3368,707 | -0,419 | 387,17 | 900 | 0,00 | 0 | -0,0340 | 1,030 | 486,485 |
| 84,10 | 30,381 | 109,372 | 3371,747 | -0,418 | 386,10 | 900 | 0,00 | 0 | -0,0339 | 1,030 | 485,449 |
| 84,20 | 30,339 | 109,221 | 3374,783 | -0,418 | 385,04 | 900 | 0,00 | 0 | -0,0338 | 1,030 | 484,417 |
| 84,30 | 30,297 | 109,071 | 3377,815 | -0,417 | 383,98 | 900 | 0,00 | 0 | -0,0337 | 1,030 | 483,389 |
| 84,40 | 30,256 | 108,921 | 3380,843 | -0,416 | 382,92 | 900 | 0,00 | 0 | -0,0336 | 1,030 | 482,364 |
| 84,50 | 30,214 | 108,771 | 3383,866 | -0,415 | 381,87 | 900 | 0,00 | 0 | -0,0335 | 1,030 | 481,343 |
| 84,60 | 30,173 | 108,621 | 3386,886 | -0,414 | 380,82 | 900 | 0,00 | 0 | -0,0334 | 1,030 | 480,325 |
| 84,70 | 30,131 | 108,472 | 3389,901 | -0,413 | 379,78 | 900 | 0,00 | 0 | -0,0333 | 1,030 | 479,311 |
| 84,80 | 30,090 | 108,324 | 3392,912 | -0,412 | 378,74 | 900 | 0,00 | 0 | -0,0332 | 1,030 | 478,301 |
| 84,90 | 30,049 | 108,175 | 3395,919 | -0,411 | 377,70 | 900 | 0,00 | 0 | -0,0332 | 1,030 | 477,294 |
| 85,00 | 30,008 | 108,027 | 3398,922 | -0,411 | 376,67 | 900 | 0,00 | 0 | -0,0331 | 1,030 | 476,290 |
| 85,10 | 29,966 | 107,879 | 3401,920 | -0,410 | 375,64 | 900 | 0,00 | 0 | -0,0330 | 1,030 | 475,290 |
| 85,20 | 29,925 | 107,732 | 3404,915 | -0,409 | 374,61 | 900 | 0,00 | 0 | -0,0329 | 1,030 | 474,293 |
| 85,30 | 29,885 | 107,585 | 3407,905 | -0,408 | 373,59 | 900 | 0,00 | 0 | -0,0328 | 1,030 | 473,300 |
| 85,40 | 29,844 | 107,438 | 3410,892 | -0,407 | 372,57 | 900 | 0,00 | 0 | -0,0327 | 1,030 | 472,310 |
| 85,50 | 29,803 | 107,291 | 3413,874 | -0,406 | 371,55 | 900 | 0,00 | 0 | -0,0326 | 1,030 | 471,324 |
| 85,60 | 29,762 | 107,145 | 3416,852 | -0,405 | 370,54 | 900 | 0,00 | 0 | -0,0325 | 1,030 | 470,341 |
| 85,70 | 29,722 | 106,999 | 3419,827 | -0,405 | 369,53 | 900 | 0,00 | 0 | -0,0324 | 1,030 | 469,362 |
| 85,80 | 29,681 | 106,853 | 3422,797 | -0,404 | 368,53 | 900 | 0,00 | 0 | -0,0324 | 1,030 | 468,385 |
| 85,90 | 29,641 | 106,708 | 3425,763 | -0,403 | 367,52 | 900 | 0,00 | 0 | -0,0323 | 1,030 | 467,413 |
| 86,00 | 29,601 | 106,563 | 3428,725 | -0,402 | 366,52 | 900 | 0,00 | 0 | -0,0322 | 1,030 | 466,443 |
| 86,10 | 29,561 | 106,418 | 3431,683 | -0,401 | 365,53 | 900 | 0,00 | 0 | -0,0321 | 1,030 | 465,477 |
| 86,20 | 29,520 | 106,274 | 3434,637 | -0,400 | 364,54 | 900 | 0,00 | 0 | -0,0320 | 1,030 | 464,514 |
| 86,30 | 29,480 | 106,129 | 3437,587 | -0,400 | 363,55 | 900 | 0,00 | 0 | -0,0319 | 1,030 | 463,555 |
| 86,40 | 29,440 | 105,986 | 3440,533 | -0,399 | 362,56 | 900 | 0,00 | 0 | -0,0318 | 1,030 | 462,598 |
| 86,50 | 29,401 | 105,842 | 3443,475 | -0,398 | 361,58 | 900 | 0,00 | 0 | -0,0317 | 1,030 | 461,645 |
| 86,60 | 29,361 | 105,699 | 3446,413 | -0,397 | 360,60 | 900 | 0,00 | 0 | -0,0317 | 1,030 | 460,696 |
| 86,70 | 29,321 | 105,556 | 3449,347 | -0,396 | 359,63 | 900 | 0,00 | 0 | -0,0316 | 1,030 | 459,749 |
| 86,80 | 29,281 | 105,413 | 3452,278 | -0,396 | 358,66 | 900 | 0,00 | 0 | -0,0315 | 1,030 | 458,806 |
| 86,90 | 29,242 | 105,271 | 3455,204 | -0,395 | 357,69 | 900 | 0,00 | 0 | -0,0314 | 1,030 | 457,866 |
| 87,00 | 29,202 | 105,129 | 3458,126 | -0,394 | 356,72 | 900 | 0,00 | 0 | -0,0313 | 1,030 | 456,929 |
| 87,10 | 29,163 | 104,987 | 3461,044 | -0,393 | 355,76 | 900 | 0,00 | 0 | -0,0312 | 1,030 | 455,995 |
| 87,20 | 29,124 | 104,845 | 3463,959 | -0,392 | 354,80 | 900 | 0,00 | 0 | -0,0311 | 1,030 | 455,065 |
| 87,30 | 29,084 | 104,704 | 3466,869 | -0,391 | 353,85 | 900 | 0,00 | 0 | -0,0311 | 1,030 | 454,137 |
| 87,40 | 29,045 | 104,563 | 3469,775 | -0,391 | 352,90 | 900 | 0,00 | 0 | -0,0310 | 1,030 | 453,213 |
| 87,50 | 29,006 | 104,422 | 3472,678 | -0,390 | 351,95 | 900 | 0,00 | 0 | -0,0309 | 1,030 | 452,292 |
| 87,60 | 28,967 | 104,282 | 3475,577 | -0,389 | 351,00 | 900 | 0,00 | 0 | -0,0308 | 1,030 | 451,374 |
| 87,70 | 28,928 | 104,142 | 3478,471 | -0,388 | 350,06 | 900 | 0,00 | 0 | -0,0307 | 1,030 | 450,459 |
| 87,80 | 28,889 | 104,002 | 3481,362 | -0,388 | 349,12 | 900 | 0,00 | 0 | -0,0306 | 1,030 | 449,547 |
| 87,90 | 28,851 | 103,863 | 3484,249 | -0,387 | 348,19 | 900 | 0,00 | 0 | -0,0306 | 1,030 | 448,638 |
| 88,00 | 28,812 | 103,723 | 3487,133 | -0,386 | 347,25 | 900 | 0,00 | 0 | -0,0305 | 1,030 | 447,733 |
| 88,10 | 28,773 | 103,584 | 3490,012 | -0,385 | 346,32 | 900 | 0,00 | 0 | -0,0304 | 1,030 | 446,830 |
| 88,20 | 28,735 | 103,446 | 3492,887 | -0,384 | 345,40 | 900 | 0,00 | 0 | -0,0303 | 1,030 | 445,930 |
| 88,30 | 28,697 | 103,307 | 3495,759 | -0,384 | 344,47 | 900 | 0,00 | 0 | -0,0302 | 1,030 | 445,034 |
| 88,40 | 28,658 | 103,169 | 3498,627 | -0,383 | 343,55 | 900 | 0,00 | 0 | -0,0302 | 1,030 | 444,140 |
| 88,50 | 28,620 | 103,031 | 3501,490 | -0,382 | 342,63 | 900 | 0,00 | 0 | -0,0301 | 1,030 | 443,249 |
| 88,60 | 28,582 | 102,894 | 3504,350 | -0,381 | 341,72 | 900 | 0,00 | 0 | -0,0300 | 1,030 | 442,362 |
| 88,70 | 28,544 | 102,757 | 3507,207 | -0,381 | 340,81 | 900 | 0,00 | 0 | -0,0299 | 1,030 | 441,477 |
| 88,80 | 28,505 | 102,620 | 3510,059 | -0,380 | 339,90 | 900 | 0,00 | 0 | -0,0298 | 1,030 | 440,595 |
| 88,90 | 28,467 | 102,483 | 3512,908 | -0,379 | 339,00 | 900 | 0,00 | 0 | -0,0298 | 1,030 | 439,716 |
| 89,00 | 28,430 | 102,346 | 3515,753 | -0,378 | 338,09 | 900 | 0,00 | 0 | -0,0297 | 1,030 | 438,841 |
| 89,10 | 28,392 | 102,210 | 3518,594 | -0,378 | 337,19 | 900 | 0,00 | 0 | -0,0296 | 1,030 | 437,968 |
| 89,20 | 28,354 | 102,074 | 3521,431 | -0,377 | 336,30 | 900 | 0,00 | 0 | -0,0295 | 1,030 | 437,097 |
| 89,30 | 28,316 | 101,939 | 3524,265 | -0,376 | 335,41 | 900 | 0,00 | 0 | -0,0294 | 1,030 | 436,230 |
| 89,40 | 28,279 | 101,803 | 3527,094 | -0,375 | 334,51 | 900 | 0,00 | 0 | -0,0294 | 1,030 | 435,366 |
| 89,50 | 28,241 | 101,668 | 3529,920 | -0,375 | 333,63 | 900 | 0,00 | 0 | -0,0293 | 1,030 | 434,504 |
| 89,60 | 28,204 | 101,533 | 3532,743 | -0,374 | 332,74 | 900 | 0,00 | 0 | -0,0292 | 1,030 | 433,646 |
| 89,70 | 28,166 | 101,399 | 3535,561 | -0,373 | 331,86 | 900 | 0,00 | 0 | -0,0291 | 1,030 | 432,790 |
| 89,80 | 28,129 | 101,264 | 3538,376 | -0,372 | 330,98 | 900 | 0,00 | 0 | -0,0291 | 1,030 | 431,937 |
| 89,90 | 28,092 | 101,130 | 3541,187 | -0,372 | 330,11 | 900 | 0,00 | 0 | -0,0290 | 1,030 | 431,087 |
| 90,00 | 28,055 | 100,997 | 3543,994 | -0,371 | 329,23 | 900 | 0,00 | 0 | -0,0289 | 1,030 | 430,239 |
| 90,10 | 28,018 | 100,863 | 3546,798 | -0,370 | 328,36 | 900 | 0,00 | 0 | -0,0288 | 1,030 | 429,395 |
| 90,20 | 27,980 | 100,730 | 3549,598 | -0,369 | 327,50 | 900 | 0,00 | 0 | -0,0288 | 1,030 | 428,553 |
| 90,30 | 27,944 | 100,597 | 3552,394 | -0,369 | 326,63 | 900 | 0,00 | 0 | -0,0287 | 1,030 | 427,714 |
| 90,40 | 27,907 | 100,464 | 3555,186 | -0,368 | 325,77 | 900 | 0,00 | 0 | -0,0286 | 1,030 | 426,877 |
| 90,50 | 27,870 | 100,332 | 3557,975 | -0,367 | 324,91 | 900 | 0,00 | 0 | -0,0285 | 1,030 | 426,044 |
| 90,60 | 27,833 | 100,199 | 3560,760 | -0,367 | 324,06 | 900 | 0,00 | 0 | -0,0284 | 1,030 | 425,213 |
| 90,70 | 27,796 | 100,067 | 3563,542 | -0,366 | 323,20 | 900 | 0,00 | 0 | -0,0284 | 1,030 | 424,385 |
| 90,80 | 27,760 | 99,936 | 3566,320 | -0,365 | 322,35 | 900 | 0,00 | 0 | -0,0283 | 1,030 | 423,559 |
| 90,90 | 27,723 | 99,804 | 3569,094 | -0,364 | 321,51 | 900 | 0,00 | 0 | -0,0282 | 1,030 | 422,737 |
| 91,00 | 27,687 | 99,673 | 3571,864 | -0,364 | 320,66 | 900 | 0,00 | 0 | -0,0281 | 1,030 | 421,916 |
| 91,10 | 27,651 | 99,542 | 3574,631 | -0,363 | 319,82 | 900 | 0,00 | 0 | -0,0281 | 1,030 | 421,099 |
| 91,20 | 27,614 | 99,411 | 3577,394 | -0,362 | 318,98 | 900 | 0,00 | 0 | -0,0280 | 1,030 | 420,284 |
| 91,30 | 27,578 | 99,281 | 3580,154 | -0,362 | 318,14 | 900 | 0,00 | 0 | -0,0279 | 1,030 | 419,472 |
| 91,40 | 27,542 | 99,151 | 3582,910 | -0,361 | 317,31 | 900 | 0,00 | 0 | -0,0279 | 1,030 | 418,663 |
| 91,50 | 27,506 | 99,021 | 3585,662 | -0,360 | 316,48 | 900 | 0,00 | 0 | -0,0278 | 1,030 | 417,856 |
| 91,60 | 27,470 | 98,891 | 3588,411 | -0,360 | 315,65 | 900 | 0,00 | 0 | -0,0277 | 1,030 | 417,051 |
| 91,70 | 27,434 | 98,762 | 3591,156 | -0,359 | 314,83 | 900 | 0,00 | 0 | -0,0276 | 1,030 | 416,250 |
| 91,80 | 27,398 | 98,633 | 3593,898 | -0,358 | 314,00 | 900 | 0,00 | 0 | -0,0276 | 1,030 | 415,451 |
| 91,90 | 27,362 | 98,504 | 3596,636 | -0,357 | 313,18 | 900 | 0,00 | 0 | -0,0275 | 1,030 | 414,654 |
| 92,00 | 27,326 | 98,375 | 3599,370 | -0,357 | 312,36 | 900 | 0,00 | 0 | -0,0274 | 1,030 | 413,860 |
| 92,10 | 27,291 | 98,247 | 3602,101 | -0,356 | 311,55 | 900 | 0,00 | 0 | -0,0273 | 1,030 | 413,069 |
| 92,20 | 27,255 | 98,118 | 3604,829 | -0,355 | 310,74 | 900 | 0,00 | 0 | -0,0273 | 1,030 | 412,280 |
| 92,30 | 27,220 | 97,990 | 3607,552 | -0,355 | 309,93 | 900 | 0,00 | 0 | -0,0272 | 1,030 | 411,494 |
| 92,40 | 27,184 | 97,863 | 3610,272 | -0,354 | 309,12 | 900 | 0,00 | 0 | -0,0271 | 1,030 | 410,710 |
| 92,50 | 27,149 | 97,735 | 3612,989 | -0,353 | 308,31 | 900 | 0,00 | 0 | -0,0271 | 1,030 | 409,929 |
| 92,60 | 27,113 | 97,608 | 3615,702 | -0,353 | 307,51 | 900 | 0,00 | 0 | -0,0270 | 1,030 | 409,150 |
| 92,70 | 27,078 | 97,481 | 3618,412 | -0,352 | 306,71 | 900 | 0,00 | 0 | -0,0269 | 1,030 | 408,374 |
| 92,80 | 27,043 | 97,354 | 3621,118 | -0,351 | 305,92 | 900 | 0,00 | 0 | -0,0269 | 1,030 | 407,600 |
| 92,90 | 27,008 | 97,228 | 3623,820 | -0,351 | 305,12 | 900 | 0,00 | 0 | -0,0268 | 1,030 | 406,829 |
| 93,00 | 26,973 | 97,102 | 3626,519 | -0,350 | 304,33 | 900 | 0,00 | 0 | -0,0267 | 1,030 | 406,060 |
| 93,10 | 26,938 | 96,976 | 3629,215 | -0,349 | 303,54 | 900 | 0,00 | 0 | -0,0266 | 1,030 | 405,293 |
| 93,20 | 26,903 | 96,850 | 3631,907 | -0,349 | 302,75 | 900 | 0,00 | 0 | -0,0266 | 1,030 | 404,529 |
| 93,30 | 26,868 | 96,724 | 3634,595 | -0,348 | 301,97 | 900 | 0,00 | 0 | -0,0265 | 1,030 | 403,768 |
| 93,40 | 26,833 | 96,599 | 3637,280 | -0,347 | 301,19 | 900 | 0,00 | 0 | -0,0264 | 1,030 | 403,009 |
| 93,50 | 26,798 | 96,474 | 3639,962 | -0,347 | 300,41 | 900 | 0,00 | 0 | -0,0264 | 1,030 | 402,252 |
| 93,60 | 26,764 | 96,349 | 3642,640 | -0,346 | 299,63 | 900 | 0,00 | 0 | -0,0263 | 1,030 | 401,498 |
| 93,70 | 26,729 | 96,224 | 3645,315 | -0,345 | 298,86 | 900 | 0,00 | 0 | -0,0262 | 1,030 | 400,746 |
| 93,80 | 26,694 | 96,100 | 3647,986 | -0,345 | 298,08 | 900 | 0,00 | 0 | -0,0262 | 1,030 | 399,996 |
| 93,90 | 26,660 | 95,976 | 3650,654 | -0,344 | 297,31 | 900 | 0,00 | 0 | -0,0261 | 1,030 | 399,249 |
| 94,00 | 26,626 | 95,852 | 3653,318 | -0,344 | 296,55 | 900 | 0,00 | 0 | -0,0260 | 1,030 | 398,504 |
| 94,10 | 26,591 | 95,728 | 3655,979 | -0,343 | 295,78 | 900 | 0,00 | 0 | -0,0260 | 1,030 | 397,762 |
| 94,20 | 26,557 | 95,605 | 3658,636 | -0,342 | 295,02 | 900 | 0,00 | 0 | -0,0259 | 1,030 | 397,022 |
| 94,30 | 26,523 | 95,482 | 3661,290 | -0,342 | 294,26 | 900 | 0,00 | 0 | -0,0258 | 1,030 | 396,284 |
| 94,40 | 26,489 | 95,359 | 3663,941 | -0,341 | 293,50 | 900 | 0,00 | 0 | -0,0258 | 1,030 | 395,548 |
| 94,50 | 26,454 | 95,236 | 3666,588 | -0,340 | 292,75 | 900 | 0,00 | 0 | -0,0257 | 1,030 | 394,815 |
| 94,60 | 26,420 | 95,113 | 3669,232 | -0,340 | 291,99 | 900 | 0,00 | 0 | -0,0256 | 1,030 | 394,084 |
| 94,70 | 26,386 | 94,991 | 3671,872 | -0,339 | 291,24 | 900 | 0,00 | 0 | -0,0256 | 1,030 | 393,356 |
| 94,80 | 26,352 | 94,869 | 3674,509 | -0,338 | 290,50 | 900 | 0,00 | 0 | -0,0255 | 1,030 | 392,629 |
| 94,90 | 26,319 | 94,747 | 3677,142 | -0,338 | 289,75 | 900 | 0,00 | 0 | -0,0254 | 1,030 | 391,905 |
| 95,00 | 26,285 | 94,625 | 3679,773 | -0,337 | 289,01 | 900 | 0,00 | 0 | -0,0254 | 1,030 | 391,183 |
| 95,10 | 26,251 | 94,504 | 3682,399 | -0,337 | 288,27 | 900 | 0,00 | 0 | -0,0253 | 1,030 | 390,464 |
| 95,20 | 26,217 | 94,383 | 3685,023 | -0,336 | 287,53 | 900 | 0,00 | 0 | -0,0252 | 1,030 | 389,747 |
| 95,30 | 26,184 | 94,262 | 3687,643 | -0,335 | 286,79 | 900 | 0,00 | 0 | -0,0252 | 1,030 | 389,032 |
| 95,40 | 26,150 | 94,141 | 3690,260 | -0,335 | 286,06 | 900 | 0,00 | 0 | -0,0251 | 1,030 | 388,319 |
| 95,50 | 26,117 | 94,021 | 3692,873 | -0,334 | 285,32 | 900 | 0,00 | 0 | -0,0250 | 1,030 | 387,608 |
| 95,60 | 26,083 | 93,900 | 3695,483 | -0,334 | 284,59 | 900 | 0,00 | 0 | -0,0250 | 1,030 | 386,900 |
| 95,70 | 26,050 | 93,780 | 3698,090 | -0,333 | 283,87 | 900 | 0,00 | 0 | -0,0249 | 1,030 | 386,194 |
| 95,80 | 26,017 | 93,660 | 3700,693 | -0,332 | 283,14 | 900 | 0,00 | 0 | -0,0249 | 1,030 | 385,490 |
| 95,90 | 25,984 | 93,541 | 3703,293 | -0,332 | 282,42 | 900 | 0,00 | 0 | -0,0248 | 1,030 | 384,788 |
| 96,00 | 25,950 | 93,421 | 3705,890 | -0,331 | 281,70 | 900 | 0,00 | 0 | -0,0247 | 1,030 | 384,088 |
| 96,10 | 25,917 | 93,302 | 3708,483 | -0,331 | 280,98 | 900 | 0,00 | 0 | -0,0247 | 1,030 | 383,391 |
| 96,20 | 25,884 | 93,183 | 3711,073 | -0,330 | 280,26 | 900 | 0,00 | 0 | -0,0246 | 1,030 | 382,695 |
| 96,30 | 25,851 | 93,064 | 3713,660 | -0,329 | 279,55 | 900 | 0,00 | 0 | -0,0245 | 1,030 | 382,002 |
| 96,40 | 25,818 | 92,946 | 3716,243 | -0,329 | 278,84 | 900 | 0,00 | 0 | -0,0245 | 1,030 | 381,311 |
| 96,50 | 25,785 | 92,828 | 3718,824 | -0,328 | 278,13 | 900 | 0,00 | 0 | -0,0244 | 1,030 | 380,622 |
| 96,60 | 25,753 | 92,709 | 3721,401 | -0,328 | 277,42 | 900 | 0,00 | 0 | -0,0244 | 1,030 | 379,936 |
| 96,70 | 25,720 | 92,592 | 3723,974 | -0,327 | 276,72 | 900 | 0,00 | 0 | -0,0243 | 1,030 | 379,251 |
| 96,80 | 25,687 | 92,474 | 3726,545 | -0,326 | 276,01 | 900 | 0,00 | 0 | -0,0242 | 1,030 | 378,568 |
| 96,90 | 25,655 | 92,356 | 3729,112 | -0,326 | 275,31 | 900 | 0,00 | 0 | -0,0242 | 1,030 | 377,888 |
| 97,00 | 25,622 | 92,239 | 3731,675 | -0,325 | 274,61 | 900 | 0,00 | 0 | -0,0241 | 1,030 | 377,209 |
| 97,10 | 25,589 | 92,122 | 3734,236 | -0,325 | 273,92 | 900 | 0,00 | 0 | -0,0240 | 1,030 | 376,533 |
| 97,20 | 25,557 | 92,005 | 3736,793 | -0,324 | 273,22 | 900 | 0,00 | 0 | -0,0240 | 1,030 | 375,859 |
| 97,30 | 25,525 | 91,889 | 3739,347 | -0,323 | 272,53 | 900 | 0,00 | 0 | -0,0239 | 1,030 | 375,187 |
| 97,40 | 25,492 | 91,772 | 3741,898 | -0,323 | 271,84 | 900 | 0,00 | 0 | -0,0239 | 1,030 | 374,517 |
| 97,50 | 25,460 | 91,656 | 3744,446 | -0,322 | 271,15 | 900 | 0,00 | 0 | -0,0238 | 1,030 | 373,848 |
| 97,60 | 25,428 | 91,540 | 3746,990 | -0,322 | 270,47 | 900 | 0,00 | 0 | -0,0237 | 1,030 | 373,182 |
| 97,70 | 25,396 | 91,424 | 3749,531 | -0,321 | 269,78 | 900 | 0,00 | 0 | -0,0237 | 1,030 | 372,518 |
| 97,80 | 25,363 | 91,308 | 3752,069 | -0,321 | 269,10 | 900 | 0,00 | 0 | -0,0236 | 1,030 | 371,856 |
| 97,90 | 25,331 | 91,193 | 3754,604 | -0,320 | 268,42 | 900 | 0,00 | 0 | -0,0236 | 1,030 | 371,196 |
| 98,00 | 25,299 | 91,078 | 3757,136 | -0,319 | 267,74 | 900 | 0,00 | 0 | -0,0235 | 1,030 | 370,538 |
| 98,10 | 25,267 | 90,963 | 3759,664 | -0,319 | 267,07 | 900 | 0,00 | 0 | -0,0234 | 1,030 | 369,882 |
| 98,20 | 25,236 | 90,848 | 3762,189 | -0,318 | 266,39 | 900 | 0,00 | 0 | -0,0234 | 1,030 | 369,228 |
| 98,30 | 25,204 | 90,733 | 3764,711 | -0,318 | 265,72 | 900 | 0,00 | 0 | -0,0233 | 1,030 | 368,576 |
| 98,40 | 25,172 | 90,619 | 3767,230 | -0,317 | 265,05 | 900 | 0,00 | 0 | -0,0233 | 1,030 | 367,926 |
| 98,50 | 25,140 | 90,505 | 3769,746 | -0,317 | 264,38 | 900 | 0,00 | 0 | -0,0232 | 1,030 | 367,278 |
| 98,60 | 25,109 | 90,391 | 3772,258 | -0,316 | 263,72 | 900 | 0,00 | 0 | -0,0232 | 1,030 | 366,632 |
| 98,70 | 25,077 | 90,277 | 3774,767 | -0,316 | 263,06 | 900 | 0,00 | 0 | -0,0231 | 1,030 | 365,988 |
| 98,80 | 25,045 | 90,164 | 3777,273 | -0,315 | 262,39 | 900 | 0,00 | 0 | -0,0230 | 1,030 | 365,346 |
| 98,90 | 25,014 | 90,050 | 3779,776 | -0,314 | 261,73 | 900 | 0,00 | 0 | -0,0230 | 1,030 | 364,705 |
| 99,00 | 24,982 | 89,937 | 3782,276 | -0,314 | 261,08 | 900 | 0,00 | 0 | -0,0229 | 1,030 | 364,067 |
| 99,10 | 24,951 | 89,824 | 3784,773 | -0,313 | 260,42 | 900 | 0,00 | 0 | -0,0229 | 1,030 | 363,430 |
| 99,20 | 24,920 | 89,711 | 3787,266 | -0,313 | 259,77 | 900 | 0,00 | 0 | -0,0228 | 1,030 | 362,796 |
| 99,30 | 24,888 | 89,599 | 3789,757 | -0,312 | 259,12 | 900 | 0,00 | 0 | -0,0227 | 1,030 | 362,163 |
| 99,40 | 24,857 | 89,486 | 3792,244 | -0,312 | 258,47 | 900 | 0,00 | 0 | -0,0227 | 1,030 | 361,532 |
| 99,50 | 24,826 | 89,374 | 3794,728 | -0,311 | 257,82 | 900 | 0,00 | 0 | -0,0226 | 1,030 | 360,904 |
| 99,60 | 24,795 | 89,262 | 3797,209 | -0,311 | 257,17 | 900 | 0,00 | 0 | -0,0226 | 1,030 | 360,277 |
| 99,70 | 24,764 | 89,150 | 3799,687 | -0,310 | 256,53 | 900 | 0,00 | 0 | -0,0225 | 1,030 | 359,651 |
| 99,80 | 24,733 | 89,039 | 3802,162 | -0,310 | 255,89 | 900 | 0,00 | 0 | -0,0225 | 1,030 | 359,028 |
| 99,90 | 24,702 | 88,927 | 3804,634 | -0,309 | 255,25 | 900 | 0,00 | 0 | -0,0224 | 1,030 | 358,407 |
| 100,00 | 24,671 | 88,816 | 3807,102 | -0,308 | 254,61 | 900 | 0,00 | 0 | -0,0224 | 1,030 | 357,787 |
| 100,10 | 24,640 | 88,705 | 3809,568 | -0,308 | 253,97 | 900 | 0,00 | 0 | -0,0223 | 1,030 | 357,170 |
| 100,20 | 24,609 | 88,594 | 3812,031 | -0,307 | 253,34 | 900 | 0,00 | 0 | -0,0222 | 1,030 | 356,554 |
| 100,30 | 24,579 | 88,483 | 3814,490 | -0,307 | 252,71 | 900 | 0,00 | 0 | -0,0222 | 1,030 | 355,940 |
| 100,40 | 24,548 | 88,373 | 3816,946 | -0,306 | 252,08 | 900 | 0,00 | 0 | -0,0221 | 1,030 | 355,328 |
| 100,50 | 24,517 | 88,263 | 3819,400 | -0,306 | 251,45 | 900 | 0,00 | 0 | -0,0221 | 1,030 | 354,717 |
| 100,60 | 24,487 | 88,153 | 3821,850 | -0,305 | 250,82 | 900 | 0,00 | 0 | -0,0220 | 1,030 | 354,109 |
| 100,70 | 24,456 | 88,043 | 3824,297 | -0,305 | 250,19 | 900 | 0,00 | 0 | -0,0220 | 1,030 | 353,502 |
| 100,80 | 24,426 | 87,933 | 3826,741 | -0,304 | 249,57 | 900 | 0,00 | 0 | -0,0219 | 1,030 | 352,897 |
| 100,90 | 24,395 | 87,823 | 3829,182 | -0,304 | 248,95 | 900 | 0,00 | 0 | -0,0219 | 1,030 | 352,294 |
| 101,00 | 24,365 | 87,714 | 3831,620 | -0,303 | 248,33 | 900 | 0,00 | 0 | -0,0218 | 1,030 | 351,692 |
| 101,10 | 24,335 | 87,605 | 3834,055 | -0,303 | 247,71 | 900 | 0,00 | 0 | -0,0217 | 1,030 | 351,093 |
| 101,20 | 24,304 | 87,496 | 3836,487 | -0,302 | 247,10 | 900 | 0,00 | 0 | -0,0217 | 1,030 | 350,495 |
| 101,30 | 24,274 | 87,387 | 3838,916 | -0,302 | 246,48 | 900 | 0,00 | 0 | -0,0216 | 1,030 | 349,899 |
| 101,40 | 24,244 | 87,279 | 3841,342 | -0,301 | 245,87 | 900 | 0,00 | 0 | -0,0216 | 1,030 | 349,304 |
| 101,50 | 24,214 | 87,170 | 3843,765 | -0,301 | 245,26 | 900 | 0,00 | 0 | -0,0215 | 1,030 | 348,712 |
| 101,60 | 24,184 | 87,062 | 3846,185 | -0,300 | 244,65 | 900 | 0,00 | 0 | -0,0215 | 1,030 | 348,121 |
| 101,70 | 24,154 | 86,954 | 3848,602 | -0,300 | 244,05 | 900 | 0,00 | 0 | -0,0214 | 1,030 | 347,532 |
| 101,80 | 24,124 | 86,846 | 3851,015 | -0,299 | 243,44 | 900 | 0,00 | 0 | -0,0214 | 1,030 | 346,944 |
| 101,90 | 24,094 | 86,738 | 3853,426 | -0,299 | 242,84 | 900 | 0,00 | 0 | -0,0213 | 1,030 | 346,358 |
| 102,00 | 24,064 | 86,631 | 3855,834 | -0,298 | 242,24 | 900 | 0,00 | 0 | -0,0213 | 1,030 | 345,774 |
| 102,10 | 24,034 | 86,524 | 3858,239 | -0,298 | 241,64 | 900 | 0,00 | 0 | -0,0212 | 1,030 | 345,192 |
| 102,20 | 24,005 | 86,417 | 3860,641 | -0,297 | 241,04 | 900 | 0,00 | 0 | -0,0212 | 1,030 | 344,612 |
| 102,30 | 23,975 | 86,310 | 3863,040 | -0,297 | 240,44 | 900 | 0,00 | 0 | -0,0211 | 1,030 | 344,033 |
| 102,40 | 23,945 | 86,203 | 3865,436 | -0,296 | 239,85 | 900 | 0,00 | 0 | -0,0211 | 1,030 | 343,456 |
| 102,50 | 23,916 | 86,096 | 3867,829 | -0,296 | 239,25 | 900 | 0,00 | 0 | -0,0210 | 1,030 | 342,880 |
| 102,60 | 23,886 | 85,990 | 3870,219 | -0,295 | 238,66 | 900 | 0,00 | 0 | -0,0210 | 1,030 | 342,306 |
| 102,70 | 23,857 | 85,884 | 3872,606 | -0,295 | 238,07 | 900 | 0,00 | 0 | -0,0209 | 1,030 | 341,734 |
| 102,80 | 23,827 | 85,778 | 3874,991 | -0,294 | 237,49 | 900 | 0,00 | 0 | -0,0208 | 1,030 | 341,164 |
| 102,90 | 23,798 | 85,672 | 3877,372 | -0,294 | 236,90 | 900 | 0,00 | 0 | -0,0208 | 1,030 | 340,595 |
| 103,00 | 23,768 | 85,566 | 3879,750 | -0,293 | 236,32 | 900 | 0,00 | 0 | -0,0207 | 1,030 | 340,028 |
| 103,10 | 23,739 | 85,460 | 3882,125 | -0,293 | 235,73 | 900 | 0,00 | 0 | -0,0207 | 1,030 | 339,462 |
| 103,20 | 23,710 | 85,355 | 3884,498 | -0,292 | 235,15 | 900 | 0,00 | 0 | -0,0206 | 1,030 | 338,898 |
| 103,30 | 23,681 | 85,250 | 3886,867 | -0,292 | 234,57 | 900 | 0,00 | 0 | -0,0206 | 1,030 | 338,336 |
| 103,40 | 23,651 | 85,145 | 3889,234 | -0,291 | 234,00 | 900 | 0,00 | 0 | -0,0205 | 1,030 | 337,775 |
| 103,50 | 23,622 | 85,040 | 3891,598 | -0,291 | 233,42 | 900 | 0,00 | 0 | -0,0205 | 1,030 | 337,216 |
| 103,60 | 23,593 | 84,935 | 3893,958 | -0,290 | 232,85 | 900 | 0,00 | 0 | -0,0204 | 1,030 | 336,659 |
| 103,70 | 23,564 | 84,831 | 3896,316 | -0,290 | 232,27 | 900 | 0,00 | 0 | -0,0204 | 1,030 | 336,103 |
| 103,80 | 23,535 | 84,727 | 3898,671 | -0,289 | 231,70 | 900 | 0,00 | 0 | -0,0203 | 1,030 | 335,549 |
| 103,90 | 23,506 | 84,622 | 3901,023 | -0,289 | 231,13 | 900 | 0,00 | 0 | -0,0203 | 1,030 | 334,996 |
| 104,00 | 23,477 | 84,519 | 3903,373 | -0,288 | 230,57 | 900 | 0,00 | 0 | -0,0202 | 1,030 | 334,445 |
| 104,10 | 23,449 | 84,415 | 3905,719 | -0,288 | 230,00 | 900 | 0,00 | 0 | -0,0202 | 1,030 | 333,895 |
| 104,20 | 23,420 | 84,311 | 3908,062 | -0,287 | 229,44 | 900 | 0,00 | 0 | -0,0201 | 1,030 | 333,348 |
| 104,30 | 23,391 | 84,208 | 3910,403 | -0,287 | 228,87 | 900 | 0,00 | 0 | -0,0201 | 1,030 | 332,801 |
| 104,40 | 23,362 | 84,104 | 3912,740 | -0,286 | 228,31 | 900 | 0,00 | 0 | -0,0200 | 1,030 | 332,256 |
| 104,50 | 23,334 | 84,001 | 3915,075 | -0,286 | 227,75 | 900 | 0,00 | 0 | -0,0200 | 1,030 | 331,713 |
| 104,60 | 23,305 | 83,898 | 3917,407 | -0,285 | 227,19 | 900 | 0,00 | 0 | -0,0199 | 1,030 | 331,172 |
| 104,70 | 23,277 | 83,796 | 3919,736 | -0,285 | 226,64 | 900 | 0,00 | 0 | -0,0199 | 1,030 | 330,632 |
| 104,80 | 23,248 | 83,693 | 3922,063 | -0,285 | 226,08 | 900 | 0,00 | 0 | -0,0198 | 1,030 | 330,093 |
| 104,90 | 23,220 | 83,590 | 3924,386 | -0,284 | 225,53 | 900 | 0,00 | 0 | -0,0198 | 1,030 | 329,556 |
| 105,00 | 23,191 | 83,488 | 3926,706 | -0,284 | 224,98 | 900 | 0,00 | 0 | -0,0198 | 1,030 | 329,020 |
| 105,10 | 23,163 | 83,386 | 3929,024 | -0,283 | 224,43 | 900 | 0,00 | 0 | -0,0197 | 1,030 | 328,486 |
| 105,20 | 23,134 | 83,284 | 3931,339 | -0,283 | 223,88 | 900 | 0,00 | 0 | -0,0197 | 1,030 | 327,954 |
| 105,30 | 23,106 | 83,182 | 3933,651 | -0,282 | 223,33 | 900 | 0,00 | 0 | -0,0196 | 1,030 | 327,423 |
| 105,40 | 23,078 | 83,081 | 3935,960 | -0,282 | 222,79 | 900 | 0,00 | 0 | -0,0196 | 1,030 | 326,894 |
| 105,50 | 23,050 | 82,979 | 3938,267 | -0,281 | 222,24 | 900 | 0,00 | 0 | -0,0195 | 1,030 | 326,366 |
| 105,60 | 23,022 | 82,878 | 3940,570 | -0,281 | 221,70 | 900 | 0,00 | 0 | -0,0195 | 1,030 | 325,839 |
| 105,70 | 22,994 | 82,777 | 3942,871 | -0,280 | 221,16 | 900 | 0,00 | 0 | -0,0194 | 1,030 | 325,314 |
| 105,80 | 22,966 | 82,676 | 3945,169 | -0,280 | 220,62 | 900 | 0,00 | 0 | -0,0194 | 1,030 | 324,791 |
| 105,90 | 22,938 | 82,575 | 3947,464 | -0,280 | 220,09 | 900 | 0,00 | 0 | -0,0193 | 1,030 | 324,269 |
| 106,00 | 22,910 | 82,474 | 3949,756 | -0,279 | 219,55 | 900 | 0,00 | 0 | -0,0193 | 1,030 | 323,748 |
| 106,10 | 22,882 | 82,374 | 3952,046 | -0,279 | 219,01 | 900 | 0,00 | 0 | -0,0192 | 1,030 | 323,229 |
| 106,20 | 22,854 | 82,274 | 3954,333 | -0,278 | 218,48 | 900 | 0,00 | 0 | -0,0192 | 1,030 | 322,712 |
| 106,30 | 22,826 | 82,174 | 3956,617 | -0,278 | 217,95 | 900 | 0,00 | 0 | -0,0191 | 1,030 | 322,196 |
| 106,40 | 22,798 | 82,074 | 3958,898 | -0,277 | 217,42 | 900 | 0,00 | 0 | -0,0191 | 1,030 | 321,681 |
| 106,50 | 22,770 | 81,974 | 3961,176 | -0,277 | 216,89 | 900 | 0,00 | 0 | -0,0190 | 1,030 | 321,168 |
| 106,60 | 22,743 | 81,874 | 3963,452 | -0,276 | 216,36 | 900 | 0,00 | 0 | -0,0190 | 1,030 | 320,656 |
| 106,70 | 22,715 | 81,775 | 3965,725 | -0,276 | 215,84 | 900 | 0,00 | 0 | -0,0189 | 1,030 | 320,146 |
| 106,80 | 22,688 | 81,675 | 3967,995 | -0,276 | 215,31 | 900 | 0,00 | 0 | -0,0189 | 1,030 | 319,637 |
| 106,90 | 22,660 | 81,576 | 3970,262 | -0,275 | 214,79 | 900 | 0,00 | 0 | -0,0189 | 1,030 | 319,129 |
| 107,00 | 22,632 | 81,477 | 3972,527 | -0,275 | 214,27 | 900 | 0,00 | 0 | -0,0188 | 1,030 | 318,623 |
| 107,10 | 22,605 | 81,378 | 3974,789 | -0,274 | 213,75 | 900 | 0,00 | 0 | -0,0188 | 1,030 | 318,119 |
| 107,20 | 22,578 | 81,279 | 3977,048 | -0,274 | 213,23 | 900 | 0,00 | 0 | -0,0187 | 1,030 | 317,616 |
| 107,30 | 22,550 | 81,181 | 3979,304 | -0,273 | 212,72 | 900 | 0,00 | 0 | -0,0187 | 1,030 | 317,114 |
| 107,40 | 22,523 | 81,082 | 3981,558 | -0,273 | 212,20 | 900 | 0,00 | 0 | -0,0186 | 1,030 | 316,613 |
| 107,50 | 22,496 | 80,984 | 3983,809 | -0,273 | 211,69 | 900 | 0,00 | 0 | -0,0186 | 1,030 | 316,114 |
| 107,60 | 22,468 | 80,886 | 3986,057 | -0,272 | 211,17 | 900 | 0,00 | 0 | -0,0185 | 1,030 | 315,617 |
| 107,70 | 22,441 | 80,788 | 3988,303 | -0,272 | 210,66 | 900 | 0,00 | 0 | -0,0185 | 1,030 | 315,120 |
| 107,80 | 22,414 | 80,690 | 3990,545 | -0,271 | 210,15 | 900 | 0,00 | 0 | -0,0184 | 1,030 | 314,626 |
| 107,90 | 22,387 | 80,593 | 3992,786 | -0,271 | 209,64 | 900 | 0,00 | 0 | -0,0184 | 1,030 | 314,132 |
| 108,00 | 22,360 | 80,495 | 3995,023 | -0,270 | 209,14 | 900 | 0,00 | 0 | -0,0184 | 1,030 | 313,640 |
| 108,10 | 22,333 | 80,398 | 3997,257 | -0,270 | 208,63 | 900 | 0,00 | 0 | -0,0183 | 1,030 | 313,149 |
| 108,20 | 22,306 | 80,301 | 3999,489 | -0,270 | 208,13 | 900 | 0,00 | 0 | -0,0183 | 1,030 | 312,660 |
| 108,30 | 22,279 | 80,204 | 4001,719 | -0,269 | 207,62 | 900 | 0,00 | 0 | -0,0182 | 1,030 | 312,172 |
| 108,40 | 22,252 | 80,107 | 4003,945 | -0,269 | 207,12 | 900 | 0,00 | 0 | -0,0182 | 1,030 | 311,685 |
| 108,50 | 22,225 | 80,010 | 4006,169 | -0,268 | 206,62 | 900 | 0,00 | 0 | -0,0181 | 1,030 | 311,200 |
| 108,60 | 22,198 | 79,913 | 4008,390 | -0,268 | 206,13 | 900 | 0,00 | 0 | -0,0181 | 1,030 | 310,716 |
| 108,70 | 22,171 | 79,817 | 4010,609 | -0,267 | 205,63 | 900 | 0,00 | 0 | -0,0181 | 1,030 | 310,233 |
| 108,80 | 22,145 | 79,721 | 4012,824 | -0,267 | 205,13 | 900 | 0,00 | 0 | -0,0180 | 1,030 | 309,752 |
| 108,90 | 22,118 | 79,625 | 4015,038 | -0,267 | 204,64 | 900 | 0,00 | 0 | -0,0180 | 1,030 | 309,272 |
| 109,00 | 22,091 | 79,529 | 4017,248 | -0,266 | 204,14 | 900 | 0,00 | 0 | -0,0179 | 1,030 | 308,793 |
| 109,10 | 22,065 | 79,433 | 4019,456 | -0,266 | 203,65 | 900 | 0,00 | 0 | -0,0179 | 1,030 | 308,316 |
| 109,20 | 22,038 | 79,337 | 4021,661 | -0,265 | 203,16 | 900 | 0,00 | 0 | -0,0178 | 1,030 | 307,840 |
| 109,30 | 22,012 | 79,242 | 4023,863 | -0,265 | 202,67 | 900 | 0,00 | 0 | -0,0178 | 1,030 | 307,365 |
| 109,40 | 21,985 | 79,146 | 4026,063 | -0,265 | 202,19 | 900 | 0,00 | 0 | -0,0177 | 1,030 | 306,891 |
| 109,50 | 21,959 | 79,051 | 4028,260 | -0,264 | 201,70 | 900 | 0,00 | 0 | -0,0177 | 1,030 | 306,419 |
| 109,60 | 21,932 | 78,956 | 4030,455 | -0,264 | 201,21 | 900 | 0,00 | 0 | -0,0177 | 1,030 | 305,948 |
| 109,70 | 21,906 | 78,861 | 4032,647 | -0,263 | 200,73 | 900 | 0,00 | 0 | -0,0176 | 1,030 | 305,479 |
| 109,80 | 21,879 | 78,766 | 4034,836 | -0,263 | 200,25 | 900 | 0,00 | 0 | -0,0176 | 1,030 | 305,010 |
| 109,90 | 21,853 | 78,671 | 4037,023 | -0,263 | 199,77 | 900 | 0,00 | 0 | -0,0175 | 1,030 | 304,543 |
| 110,00 | 21,827 | 78,577 | 4039,207 | -0,262 | 199,29 | 900 | 0,00 | 0 | -0,0175 | 1,030 | 304,078 |
| 110,10 | 21,801 | 78,482 | 4041,388 | -0,262 | 198,81 | 900 | 0,00 | 0 | -0,0175 | 1,030 | 303,613 |
| 110,20 | 21,775 | 78,388 | 4043,567 | -0,261 | 198,33 | 900 | 0,00 | 0 | -0,0174 | 1,030 | 303,150 |
| 110,30 | 21,748 | 78,294 | 4045,743 | -0,261 | 197,86 | 900 | 0,00 | 0 | -0,0174 | 1,030 | 302,688 |
| 110,40 | 21,722 | 78,200 | 4047,917 | -0,261 | 197,38 | 900 | 0,00 | 0 | -0,0173 | 1,030 | 302,227 |
| 110,50 | 21,696 | 78,106 | 4050,088 | -0,260 | 196,91 | 900 | 0,00 | 0 | -0,0173 | 1,030 | 301,768 |
| 110,60 | 21,670 | 78,013 | 4052,256 | -0,260 | 196,44 | 900 | 0,00 | 0 | -0,0172 | 1,030 | 301,310 |
| 110,70 | 21,644 | 77,919 | 4054,422 | -0,259 | 195,97 | 900 | 0,00 | 0 | -0,0172 | 1,030 | 300,853 |
| 110,80 | 21,618 | 77,826 | 4056,585 | -0,259 | 195,50 | 900 | 0,00 | 0 | -0,0172 | 1,030 | 300,397 |
| 110,90 | 21,592 | 77,733 | 4058,745 | -0,259 | 195,03 | 900 | 0,00 | 0 | -0,0171 | 1,030 | 299,943 |
| 111,00 | 21,567 | 77,640 | 4060,903 | -0,258 | 194,56 | 900 | 0,00 | 0 | -0,0171 | 1,030 | 299,490 |
| 111,10 | 21,541 | 77,547 | 4063,059 | -0,258 | 194,10 | 900 | 0,00 | 0 | -0,0170 | 1,030 | 299,038 |
| 111,20 | 21,515 | 77,454 | 4065,211 | -0,257 | 193,63 | 900 | 0,00 | 0 | -0,0170 | 1,030 | 298,587 |
| 111,30 | 21,489 | 77,361 | 4067,362 | -0,257 | 193,17 | 900 | 0,00 | 0 | -0,0170 | 1,030 | 298,137 |
| 111,40 | 21,464 | 77,269 | 4069,509 | -0,257 | 192,71 | 900 | 0,00 | 0 | -0,0169 | 1,030 | 297,689 |
| 111,50 | 21,438 | 77,176 | 4071,654 | -0,256 | 192,25 | 900 | 0,00 | 0 | -0,0169 | 1,030 | 297,242 |
| 111,60 | 21,412 | 77,084 | 4073,797 | -0,256 | 191,79 | 900 | 0,00 | 0 | -0,0168 | 1,030 | 296,796 |
| 111,70 | 21,387 | 76,992 | 4075,937 | -0,255 | 191,33 | 900 | 0,00 | 0 | -0,0168 | 1,030 | 296,351 |
| 111,80 | 21,361 | 76,900 | 4078,074 | -0,255 | 190,87 | 900 | 0,00 | 0 | -0,0168 | 1,030 | 295,908 |
| 111,90 | 21,336 | 76,808 | 4080,209 | -0,255 | 190,42 | 900 | 0,00 | 0 | -0,0167 | 1,030 | 295,465 |
| 112,00 | 21,310 | 76,716 | 4082,341 | -0,254 | 189,96 | 900 | 0,00 | 0 | -0,0167 | 1,030 | 295,024 |
| 112,10 | 21,285 | 76,625 | 4084,471 | -0,254 | 189,51 | 900 | 0,00 | 0 | -0,0166 | 1,030 | 294,584 |
| 112,20 | 21,259 | 76,533 | 4086,598 | -0,254 | 189,06 | 900 | 0,00 | 0 | -0,0166 | 1,030 | 294,145 |
| 112,30 | 21,234 | 76,442 | 4088,723 | -0,253 | 188,61 | 900 | 0,00 | 0 | -0,0166 | 1,030 | 293,708 |
| 112,40 | 21,209 | 76,351 | 4090,845 | -0,253 | 188,16 | 900 | 0,00 | 0 | -0,0165 | 1,030 | 293,271 |
| 112,50 | 21,183 | 76,260 | 4092,965 | -0,252 | 187,71 | 900 | 0,00 | 0 | -0,0165 | 1,030 | 292,836 |
| 112,60 | 21,158 | 76,169 | 4095,082 | -0,252 | 187,26 | 900 | 0,00 | 0 | -0,0164 | 1,030 | 292,402 |
| 112,70 | 21,133 | 76,078 | 4097,196 | -0,252 | 186,82 | 900 | 0,00 | 0 | -0,0164 | 1,030 | 291,969 |
| 112,80 | 21,108 | 75,988 | 4099,308 | -0,251 | 186,37 | 900 | 0,00 | 0 | -0,0164 | 1,030 | 291,537 |
| 112,90 | 21,083 | 75,897 | 4101,418 | -0,251 | 185,93 | 900 | 0,00 | 0 | -0,0163 | 1,030 | 291,107 |
| 113,00 | 21,057 | 75,807 | 4103,525 | -0,251 | 185,49 | 900 | 0,00 | 0 | -0,0163 | 1,030 | 290,677 |
| 113,10 | 21,032 | 75,717 | 4105,629 | -0,250 | 185,04 | 900 | 0,00 | 0 | -0,0162 | 1,030 | 290,249 |
| 113,20 | 21,007 | 75,627 | 4107,731 | -0,250 | 184,60 | 900 | 0,00 | 0 | -0,0162 | 1,030 | 289,822 |
| 113,30 | 20,982 | 75,537 | 4109,831 | -0,249 | 184,17 | 900 | 0,00 | 0 | -0,0162 | 1,030 | 289,395 |
| 113,40 | 20,957 | 75,447 | 4111,928 | -0,249 | 183,73 | 900 | 0,00 | 0 | -0,0161 | 1,030 | 288,971 |
| 113,50 | 20,933 | 75,357 | 4114,022 | -0,249 | 183,29 | 900 | 0,00 | 0 | -0,0161 | 1,030 | 288,547 |
| 113,60 | 20,908 | 75,268 | 4116,114 | -0,248 | 182,86 | 900 | 0,00 | 0 | -0,0161 | 1,030 | 288,124 |
| 113,70 | 20,883 | 75,178 | 4118,204 | -0,248 | 182,42 | 900 | 0,00 | 0 | -0,0160 | 1,030 | 287,703 |
| 113,80 | 20,858 | 75,089 | 4120,291 | -0,248 | 181,99 | 900 | 0,00 | 0 | -0,0160 | 1,030 | 287,282 |
| 113,90 | 20,833 | 75,000 | 4122,375 | -0,247 | 181,56 | 900 | 0,00 | 0 | -0,0159 | 1,030 | 286,863 |
| 114,00 | 20,809 | 74,911 | 4124,457 | -0,247 | 181,13 | 900 | 0,00 | 0 | -0,0159 | 1,030 | 286,445 |
| 114,10 | 20,784 | 74,822 | 4126,537 | -0,247 | 180,70 | 900 | 0,00 | 0 | -0,0159 | 1,030 | 286,027 |
| 114,20 | 20,759 | 74,733 | 4128,614 | -0,246 | 180,27 | 900 | 0,00 | 0 | -0,0158 | 1,030 | 285,611 |
| 114,30 | 20,735 | 74,644 | 4130,689 | -0,246 | 179,84 | 900 | 0,00 | 0 | -0,0158 | 1,030 | 285,196 |
| 114,40 | 20,710 | 74,556 | 4132,761 | -0,246 | 179,41 | 900 | 0,00 | 0 | -0,0158 | 1,030 | 284,783 |
| 114,50 | 20,685 | 74,468 | 4134,831 | -0,245 | 178,99 | 900 | 0,00 | 0 | -0,0157 | 1,030 | 284,370 |
| 114,60 | 20,661 | 74,379 | 4136,898 | -0,245 | 178,57 | 900 | 0,00 | 0 | -0,0157 | 1,030 | 283,958 |
| 114,70 | 20,636 | 74,291 | 4138,963 | -0,244 | 178,14 | 900 | 0,00 | 0 | -0,0156 | 1,030 | 283,548 |
| 114,80 | 20,612 | 74,203 | 4141,025 | -0,244 | 177,72 | 900 | 0,00 | 0 | -0,0156 | 1,030 | 283,138 |
| 114,90 | 20,588 | 74,115 | 4143,085 | -0,244 | 177,30 | 900 | 0,00 | 0 | -0,0156 | 1,030 | 282,730 |
| 115,00 | 20,563 | 74,028 | 4145,143 | -0,243 | 176,88 | 900 | 0,00 | 0 | -0,0155 | 1,030 | 282,322 |
| 115,10 | 20,539 | 73,940 | 4147,198 | -0,243 | 176,46 | 900 | 0,00 | 0 | -0,0155 | 1,030 | 281,916 |
| 115,20 | 20,515 | 73,852 | 4149,251 | -0,243 | 176,04 | 900 | 0,00 | 0 | -0,0155 | 1,030 | 281,511 |
| 115,30 | 20,490 | 73,765 | 4151,301 | -0,242 | 175,63 | 900 | 0,00 | 0 | -0,0154 | 1,030 | 281,107 |
| 115,40 | 20,466 | 73,678 | 4153,349 | -0,242 | 175,21 | 900 | 0,00 | 0 | -0,0154 | 1,030 | 280,704 |
| 115,50 | 20,442 | 73,591 | 4155,394 | -0,242 | 174,80 | 900 | 0,00 | 0 | -0,0153 | 1,030 | 280,302 |
| 115,60 | 20,418 | 73,504 | 4157,437 | -0,241 | 174,39 | 900 | 0,00 | 0 | -0,0153 | 1,030 | 279,901 |
| 115,70 | 20,394 | 73,417 | 4159,478 | -0,241 | 173,97 | 900 | 0,00 | 0 | -0,0153 | 1,030 | 279,501 |
| 115,80 | 20,369 | 73,330 | 4161,516 | -0,241 | 173,56 | 900 | 0,00 | 0 | -0,0152 | 1,030 | 279,102 |
| 115,90 | 20,345 | 73,244 | 4163,552 | -0,240 | 173,15 | 900 | 0,00 | 0 | -0,0152 | 1,030 | 278,704 |
| 116,00 | 20,321 | 73,157 | 4165,585 | -0,240 | 172,74 | 900 | 0,00 | 0 | -0,0152 | 1,030 | 278,307 |
| 116,10 | 20,297 | 73,071 | 4167,616 | -0,240 | 172,34 | 900 | 0,00 | 0 | -0,0151 | 1,030 | 277,912 |
| 116,20 | 20,273 | 72,984 | 4169,644 | -0,239 | 171,93 | 900 | 0,00 | 0 | -0,0151 | 1,030 | 277,517 |
| 116,30 | 20,250 | 72,898 | 4171,671 | -0,239 | 171,52 | 900 | 0,00 | 0 | -0,0151 | 1,030 | 277,123 |
| 116,40 | 20,226 | 72,812 | 4173,694 | -0,239 | 171,12 | 900 | 0,00 | 0 | -0,0150 | 1,030 | 276,730 |
| 116,50 | 20,202 | 72,726 | 4175,716 | -0,238 | 170,72 | 900 | 0,00 | 0 | -0,0150 | 1,030 | 276,339 |
| 116,60 | 20,178 | 72,641 | 4177,735 | -0,238 | 170,31 | 900 | 0,00 | 0 | -0,0150 | 1,030 | 275,948 |
| 116,70 | 20,154 | 72,555 | 4179,751 | -0,238 | 169,91 | 900 | 0,00 | 0 | -0,0149 | 1,030 | 275,558 |
| 116,80 | 20,130 | 72,469 | 4181,766 | -0,237 | 169,51 | 900 | 0,00 | 0 | -0,0149 | 1,030 | 275,170 |
| 116,90 | 20,107 | 72,384 | 4183,777 | -0,237 | 169,11 | 900 | 0,00 | 0 | -0,0148 | 1,030 | 274,782 |
| 117,00 | 20,083 | 72,299 | 4185,787 | -0,237 | 168,72 | 900 | 0,00 | 0 | -0,0148 | 1,030 | 274,395 |
| 117,10 | 20,059 | 72,214 | 4187,794 | -0,236 | 168,32 | 900 | 0,00 | 0 | -0,0148 | 1,030 | 274,010 |
| 117,20 | 20,036 | 72,129 | 4189,799 | -0,236 | 167,92 | 900 | 0,00 | 0 | -0,0147 | 1,030 | 273,625 |
| 117,30 | 20,012 | 72,044 | 4191,801 | -0,236 | 167,53 | 900 | 0,00 | 0 | -0,0147 | 1,030 | 273,241 |
| 117,40 | 19,989 | 71,959 | 4193,801 | -0,235 | 167,13 | 900 | 0,00 | 0 | -0,0147 | 1,030 | 272,859 |
| 117,50 | 19,965 | 71,874 | 4195,799 | -0,235 | 166,74 | 900 | 0,00 | 0 | -0,0146 | 1,030 | 272,477 |
| 117,60 | 19,942 | 71,790 | 4197,794 | -0,235 | 166,35 | 900 | 0,00 | 0 | -0,0146 | 1,030 | 272,096 |
| 117,70 | 19,918 | 71,705 | 4199,787 | -0,234 | 165,96 | 900 | 0,00 | 0 | -0,0146 | 1,030 | 271,717 |
| 117,80 | 19,895 | 71,621 | 4201,778 | -0,234 | 165,57 | 900 | 0,00 | 0 | -0,0145 | 1,030 | 271,338 |
| 117,90 | 19,871 | 71,537 | 4203,766 | -0,234 | 165,18 | 900 | 0,00 | 0 | -0,0145 | 1,030 | 270,960 |
| 118,00 | 19,848 | 71,453 | 4205,752 | -0,233 | 164,79 | 900 | 0,00 | 0 | -0,0145 | 1,030 | 270,583 |
| 118,10 | 19,825 | 71,369 | 4207,736 | -0,233 | 164,40 | 900 | 0,00 | 0 | -0,0144 | 1,030 | 270,208 |
| 118,20 | 19,801 | 71,285 | 4209,717 | -0,233 | 164,02 | 900 | 0,00 | 0 | -0,0144 | 1,030 | 269,833 |
| 118,30 | 19,778 | 71,201 | 4211,696 | -0,232 | 163,63 | 900 | 0,00 | 0 | -0,0144 | 1,030 | 269,459 |
| 118,40 | 19,755 | 71,117 | 4213,673 | -0,232 | 163,25 | 900 | 0,00 | 0 | -0,0143 | 1,030 | 269,086 |
| 118,50 | 19,732 | 71,034 | 4215,647 | -0,232 | 162,86 | 900 | 0,00 | 0 | -0,0143 | 1,030 | 268,714 |
| 118,60 | 19,708 | 70,950 | 4217,619 | -0,231 | 162,48 | 900 | 0,00 | 0 | -0,0143 | 1,030 | 268,343 |
| 118,70 | 19,685 | 70,867 | 4219,589 | -0,231 | 162,10 | 900 | 0,00 | 0 | -0,0142 | 1,030 | 267,973 |
| 118,80 | 19,662 | 70,784 | 4221,556 | -0,231 | 161,72 | 900 | 0,00 | 0 | -0,0142 | 1,030 | 267,604 |
| 118,90 | 19,639 | 70,701 | 4223,521 | -0,230 | 161,34 | 900 | 0,00 | 0 | -0,0142 | 1,030 | 267,235 |
| 119,00 | 19,616 | 70,618 | 4225,484 | -0,230 | 160,96 | 900 | 0,00 | 0 | -0,0141 | 1,030 | 266,868 |
| 119,10 | 19,593 | 70,535 | 4227,444 | -0,230 | 160,58 | 900 | 0,00 | 0 | -0,0141 | 1,030 | 266,502 |
| 119,20 | 19,570 | 70,453 | 4229,403 | -0,229 | 160,21 | 900 | 0,00 | 0 | -0,0141 | 1,030 | 266,136 |
| 119,30 | 19,547 | 70,370 | 4231,358 | -0,229 | 159,83 | 900 | 0,00 | 0 | -0,0140 | 1,030 | 265,772 |
| 119,40 | 19,524 | 70,287 | 4233,312 | -0,229 | 159,46 | 900 | 0,00 | 0 | -0,0140 | 1,030 | 265,408 |
| 119,50 | 19,501 | 70,205 | 4235,263 | -0,228 | 159,09 | 900 | 0,00 | 0 | -0,0140 | 1,030 | 265,046 |
| 119,60 | 19,479 | 70,123 | 4237,212 | -0,228 | 158,71 | 900 | 0,00 | 0 | -0,0139 | 1,030 | 264,684 |
| 119,70 | 19,456 | 70,041 | 4239,159 | -0,228 | 158,34 | 900 | 0,00 | 0 | -0,0139 | 1,030 | 264,323 |
| 119,80 | 19,433 | 69,959 | 4241,103 | -0,228 | 157,97 | 900 | 0,00 | 0 | -0,0139 | 1,030 | 263,963 |
| 119,90 | 19,410 | 69,877 | 4243,046 | -0,227 | 157,60 | 900 | 0,00 | 0 | -0,0138 | 1,030 | 263,604 |
| 120,00 | 19,387 | 69,795 | 4244,985 | -0,227 | 157,23 | 900 | 0,00 | 0 | -0,0138 | 1,030 | 263,246 |
| 120,10 | 19,365 | 69,713 | 4246,923 | -0,227 | 156,86 | 900 | 0,00 | 0 | -0,0138 | 1,030 | 262,889 |
| 120,20 | 19,342 | 69,632 | 4248,858 | -0,226 | 156,50 | 900 | 0,00 | 0 | -0,0137 | 1,030 | 262,533 |
| 120,30 | 19,319 | 69,550 | 4250,791 | -0,226 | 156,13 | 900 | 0,00 | 0 | -0,0137 | 1,030 | 262,177 |
| 120,40 | 19,297 | 69,469 | 4252,722 | -0,226 | 155,77 | 900 | 0,00 | 0 | -0,0137 | 1,030 | 261,823 |
| 120,50 | 19,274 | 69,388 | 4254,651 | -0,225 | 155,40 | 900 | 0,00 | 0 | -0,0136 | 1,030 | 261,469 |
| 120,60 | 19,252 | 69,306 | 4256,577 | -0,225 | 155,04 | 900 | 0,00 | 0 | -0,0136 | 1,030 | 261,117 |
| 120,70 | 19,229 | 69,225 | 4258,501 | -0,225 | 154,68 | 900 | 0,00 | 0 | -0,0136 | 1,030 | 260,765 |
| 120,80 | 19,207 | 69,144 | 4260,423 | -0,224 | 154,31 | 900 | 0,00 | 0 | -0,0135 | 1,030 | 260,414 |
| 120,90 | 19,184 | 69,064 | 4262,343 | -0,224 | 153,95 | 900 | 0,00 | 0 | -0,0135 | 1,030 | 260,064 |
| 121,00 | 19,162 | 68,983 | 4264,260 | -0,224 | 153,59 | 900 | 0,00 | 0 | -0,0135 | 1,030 | 259,715 |
| 121,10 | 19,140 | 68,902 | 4266,175 | -0,224 | 153,24 | 900 | 0,00 | 0 | -0,0135 | 1,030 | 259,367 |
| 121,20 | 19,117 | 68,822 | 4268,088 | -0,223 | 152,88 | 900 | 0,00 | 0 | -0,0134 | 1,030 | 259,019 |
| 121,30 | 19,095 | 68,741 | 4269,998 | -0,223 | 152,52 | 900 | 0,00 | 0 | -0,0134 | 1,030 | 258,673 |
| 121,40 | 19,073 | 68,661 | 4271,907 | -0,223 | 152,16 | 900 | 0,00 | 0 | -0,0134 | 1,030 | 258,327 |
| 121,50 | 19,050 | 68,581 | 4273,813 | -0,222 | 151,81 | 900 | 0,00 | 0 | -0,0133 | 1,030 | 257,982 |
| 121,60 | 19,028 | 68,501 | 4275,717 | -0,222 | 151,46 | 900 | 0,00 | 0 | -0,0133 | 1,030 | 257,638 |
| 121,70 | 19,006 | 68,421 | 4277,619 | -0,222 | 151,10 | 900 | 0,00 | 0 | -0,0133 | 1,030 | 257,295 |
| 121,80 | 18,984 | 68,341 | 4279,518 | -0,222 | 150,75 | 900 | 0,00 | 0 | -0,0132 | 1,030 | 256,953 |
| 121,90 | 18,961 | 68,261 | 4281,415 | -0,221 | 150,40 | 900 | 0,00 | 0 | -0,0132 | 1,030 | 256,612 |
| 122,00 | 18,939 | 68,182 | 4283,310 | -0,221 | 150,05 | 900 | 0,00 | 0 | -0,0132 | 1,030 | 256,271 |
| 122,10 | 18,917 | 68,102 | 4285,203 | -0,221 | 149,70 | 900 | 0,00 | 0 | -0,0131 | 1,030 | 255,932 |
| 122,20 | 18,895 | 68,023 | 4287,094 | -0,220 | 149,35 | 900 | 0,00 | 0 | -0,0131 | 1,030 | 255,593 |
| 122,30 | 18,873 | 67,943 | 4288,982 | -0,220 | 149,00 | 900 | 0,00 | 0 | -0,0131 | 1,030 | 255,255 |
| 122,40 | 18,851 | 67,864 | 4290,868 | -0,220 | 148,65 | 900 | 0,00 | 0 | -0,0130 | 1,030 | 254,918 |
| 122,50 | 18,829 | 67,785 | 4292,752 | -0,219 | 148,31 | 900 | 0,00 | 0 | -0,0130 | 1,030 | 254,581 |
| 122,60 | 18,807 | 67,706 | 4294,634 | -0,219 | 147,96 | 900 | 0,00 | 0 | -0,0130 | 1,030 | 254,246 |
| 122,70 | 18,785 | 67,627 | 4296,514 | -0,219 | 147,62 | 900 | 0,00 | 0 | -0,0130 | 1,030 | 253,911 |
| 122,80 | 18,763 | 67,548 | 4298,391 | -0,219 | 147,27 | 900 | 0,00 | 0 | -0,0129 | 1,030 | 253,577 |
| 122,90 | 18,742 | 67,470 | 4300,267 | -0,218 | 146,93 | 900 | 0,00 | 0 | -0,0129 | 1,030 | 253,244 |
| 123,00 | 18,720 | 67,391 | 4302,140 | -0,218 | 146,59 | 900 | 0,00 | 0 | -0,0129 | 1,030 | 252,912 |
| 123,10 | 18,698 | 67,313 | 4304,011 | -0,218 | 146,25 | 900 | 0,00 | 0 | -0,0128 | 1,030 | 252,581 |
| 123,20 | 18,676 | 67,234 | 4305,879 | -0,217 | 145,91 | 900 | 0,00 | 0 | -0,0128 | 1,030 | 252,250 |
| 123,30 | 18,654 | 67,156 | 4307,746 | -0,217 | 145,57 | 900 | 0,00 | 0 | -0,0128 | 1,030 | 251,921 |
| 123,40 | 18,633 | 67,078 | 4309,610 | -0,217 | 145,23 | 900 | 0,00 | 0 | -0,0127 | 1,030 | 251,592 |
| 123,50 | 18,611 | 67,000 | 4311,472 | -0,217 | 144,89 | 900 | 0,00 | 0 | -0,0127 | 1,030 | 251,264 |
| 123,60 | 18,589 | 66,922 | 4313,332 | -0,216 | 144,55 | 900 | 0,00 | 0 | -0,0127 | 1,030 | 250,937 |
| 123,70 | 18,568 | 66,844 | 4315,190 | -0,216 | 144,22 | 900 | 0,00 | 0 | -0,0127 | 1,030 | 250,610 |
| 123,80 | 18,546 | 66,766 | 4317,046 | -0,216 | 143,88 | 900 | 0,00 | 0 | -0,0126 | 1,030 | 250,285 |
| 123,90 | 18,525 | 66,688 | 4318,899 | -0,215 | 143,55 | 900 | 0,00 | 0 | -0,0126 | 1,030 | 249,960 |
| 124,00 | 18,503 | 66,611 | 4320,751 | -0,215 | 143,21 | 900 | 0,00 | 0 | -0,0126 | 1,030 | 249,636 |
| 124,10 | 18,481 | 66,533 | 4322,600 | -0,215 | 142,88 | 900 | 0,00 | 0 | -0,0125 | 1,030 | 249,312 |
| 124,20 | 18,460 | 66,456 | 4324,447 | -0,215 | 142,55 | 900 | 0,00 | 0 | -0,0125 | 1,030 | 248,990 |
| 124,30 | 18,439 | 66,379 | 4326,292 | -0,214 | 142,22 | 900 | 0,00 | 0 | -0,0125 | 1,030 | 248,668 |
| 124,40 | 18,417 | 66,302 | 4328,135 | -0,214 | 141,89 | 900 | 0,00 | 0 | -0,0125 | 1,030 | 248,347 |
| 124,50 | 18,396 | 66,224 | 4329,975 | -0,214 | 141,56 | 900 | 0,00 | 0 | -0,0124 | 1,030 | 248,027 |
| 124,60 | 18,374 | 66,147 | 4331,814 | -0,214 | 141,23 | 900 | 0,00 | 0 | -0,0124 | 1,030 | 247,708 |
| 124,70 | 18,353 | 66,071 | 4333,650 | -0,213 | 140,90 | 900 | 0,00 | 0 | -0,0124 | 1,030 | 247,390 |
| 124,80 | 18,332 | 65,994 | 4335,485 | -0,213 | 140,57 | 900 | 0,00 | 0 | -0,0123 | 1,030 | 247,072 |
| 124,90 | 18,310 | 65,917 | 4337,317 | -0,213 | 140,25 | 900 | 0,00 | 0 | -0,0123 | 1,030 | 246,755 |
| 125,00 | 18,289 | 65,841 | 4339,147 | -0,212 | 139,92 | 900 | 0,00 | 0 | -0,0123 | 1,030 | 246,439 |
| 125,10 | 18,268 | 65,764 | 4340,974 | -0,212 | 139,59 | 900 | 0,00 | 0 | -0,0123 | 1,030 | 246,123 |
| 125,20 | 18,247 | 65,688 | 4342,800 | -0,212 | 139,27 | 900 | 0,00 | 0 | -0,0122 | 1,030 | 245,809 |
| 125,30 | 18,225 | 65,611 | 4344,624 | -0,212 | 138,95 | 900 | 0,00 | 0 | -0,0122 | 1,030 | 245,495 |
| 125,40 | 18,204 | 65,535 | 4346,445 | -0,211 | 138,63 | 900 | 0,00 | 0 | -0,0122 | 1,030 | 245,182 |
| 125,50 | 18,183 | 65,459 | 4348,265 | -0,211 | 138,30 | 900 | 0,00 | 0 | -0,0121 | 1,030 | 244,869 |
| 125,60 | 18,162 | 65,383 | 4350,082 | -0,211 | 137,98 | 900 | 0,00 | 0 | -0,0121 | 1,030 | 244,558 |
| 125,70 | 18,141 | 65,307 | 4351,897 | -0,211 | 137,66 | 900 | 0,00 | 0 | -0,0121 | 1,030 | 244,247 |
| 125,80 | 18,120 | 65,231 | 4353,710 | -0,210 | 137,34 | 900 | 0,00 | 0 | -0,0121 | 1,030 | 243,937 |
| 125,90 | 18,099 | 65,156 | 4355,521 | -0,210 | 137,02 | 900 | 0,00 | 0 | -0,0120 | 1,030 | 243,627 |
| 126,00 | 18,078 | 65,080 | 4357,330 | -0,210 | 136,71 | 900 | 0,00 | 0 | -0,0120 | 1,030 | 243,319 |
| 126,10 | 18,057 | 65,005 | 4359,137 | -0,209 | 136,39 | 900 | 0,00 | 0 | -0,0120 | 1,030 | 243,011 |
| 126,20 | 18,036 | 64,929 | 4360,941 | -0,209 | 136,07 | 900 | 0,00 | 0 | -0,0119 | 1,030 | 242,704 |
| 126,30 | 18,015 | 64,854 | 4362,744 | -0,209 | 135,76 | 900 | 0,00 | 0 | -0,0119 | 1,030 | 242,398 |
| 126,40 | 17,994 | 64,779 | 4364,544 | -0,209 | 135,44 | 900 | 0,00 | 0 | -0,0119 | 1,030 | 242,092 |
| 126,50 | 17,973 | 64,704 | 4366,343 | -0,208 | 135,13 | 900 | 0,00 | 0 | -0,0119 | 1,030 | 241,787 |
| 126,60 | 17,952 | 64,628 | 4368,139 | -0,208 | 134,82 | 900 | 0,00 | 0 | -0,0118 | 1,030 | 241,483 |
| 126,70 | 17,932 | 64,554 | 4369,933 | -0,208 | 134,50 | 900 | 0,00 | 0 | -0,0118 | 1,030 | 241,180 |
| 126,80 | 17,911 | 64,479 | 4371,725 | -0,208 | 134,19 | 900 | 0,00 | 0 | -0,0118 | 1,030 | 240,877 |
| 126,90 | 17,890 | 64,404 | 4373,515 | -0,207 | 133,88 | 900 | 0,00 | 0 | -0,0118 | 1,030 | 240,575 |
| 127,00 | 17,869 | 64,329 | 4375,303 | -0,207 | 133,57 | 900 | 0,00 | 0 | -0,0117 | 1,030 | 240,274 |
| 127,10 | 17,849 | 64,255 | 4377,089 | -0,207 | 133,26 | 900 | 0,00 | 0 | -0,0117 | 1,030 | 239,974 |
| 127,20 | 17,828 | 64,180 | 4378,873 | -0,207 | 132,95 | 900 | 0,00 | 0 | -0,0117 | 1,030 | 239,674 |
| 127,30 | 17,807 | 64,106 | 4380,655 | -0,206 | 132,64 | 900 | 0,00 | 0 | -0,0116 | 1,030 | 239,375 |
| 127,40 | 17,787 | 64,032 | 4382,434 | -0,206 | 132,34 | 900 | 0,00 | 0 | -0,0116 | 1,030 | 239,076 |
| 127,50 | 17,766 | 63,957 | 4384,212 | -0,206 | 132,03 | 900 | 0,00 | 0 | -0,0116 | 1,030 | 238,779 |
| 127,60 | 17,745 | 63,883 | 4385,987 | -0,206 | 131,72 | 900 | 0,00 | 0 | -0,0116 | 1,030 | 238,482 |
| 127,70 | 17,725 | 63,809 | 4387,761 | -0,205 | 131,42 | 900 | 0,00 | 0 | -0,0115 | 1,030 | 238,186 |
| 127,80 | 17,704 | 63,735 | 4389,532 | -0,205 | 131,12 | 900 | 0,00 | 0 | -0,0115 | 1,030 | 237,890 |
| 127,90 | 17,684 | 63,662 | 4391,302 | -0,205 | 130,81 | 900 | 0,00 | 0 | -0,0115 | 1,030 | 237,596 |
| 128,00 | 17,663 | 63,588 | 4393,069 | -0,205 | 130,51 | 900 | 0,00 | 0 | -0,0115 | 1,030 | 237,302 |
| 128,10 | 17,643 | 63,514 | 4394,834 | -0,204 | 130,21 | 900 | 0,00 | 0 | -0,0114 | 1,030 | 237,008 |
| 128,20 | 17,622 | 63,441 | 4396,598 | -0,204 | 129,91 | 900 | 0,00 | 0 | -0,0114 | 1,030 | 236,716 |
| 128,30 | 17,602 | 63,367 | 4398,359 | -0,204 | 129,60 | 900 | 0,00 | 0 | -0,0114 | 1,030 | 236,424 |
| 128,40 | 17,582 | 63,294 | 4400,118 | -0,204 | 129,30 | 900 | 0,00 | 0 | -0,0114 | 1,030 | 236,133 |
| 128,50 | 17,561 | 63,220 | 4401,875 | -0,203 | 129,01 | 900 | 0,00 | 0 | -0,0113 | 1,030 | 235,842 |
| 128,60 | 17,541 | 63,147 | 4403,630 | -0,203 | 128,71 | 900 | 0,00 | 0 | -0,0113 | 1,030 | 235,552 |
| 128,70 | 17,521 | 63,074 | 4405,383 | -0,203 | 128,41 | 900 | 0,00 | 0 | -0,0113 | 1,030 | 235,263 |
| 128,80 | 17,500 | 63,001 | 4407,134 | -0,203 | 128,11 | 900 | 0,00 | 0 | -0,0112 | 1,030 | 234,975 |
| 128,90 | 17,480 | 62,928 | 4408,884 | -0,202 | 127,82 | 900 | 0,00 | 0 | -0,0112 | 1,030 | 234,687 |
| 129,00 | 17,460 | 62,855 | 4410,631 | -0,202 | 127,52 | 900 | 0,00 | 0 | -0,0112 | 1,030 | 234,400 |
| 129,10 | 17,440 | 62,783 | 4412,375 | -0,202 | 127,22 | 900 | 0,00 | 0 | -0,0112 | 1,030 | 234,113 |
| 129,20 | 17,419 | 62,710 | 4414,118 | -0,202 | 126,93 | 900 | 0,00 | 0 | -0,0111 | 1,030 | 233,828 |
| 129,30 | 17,399 | 62,637 | 4415,859 | -0,201 | 126,64 | 900 | 0,00 | 0 | -0,0111 | 1,030 | 233,543 |
| 129,40 | 17,379 | 62,565 | 4417,598 | -0,201 | 126,34 | 900 | 0,00 | 0 | -0,0111 | 1,030 | 233,258 |
| 129,50 | 17,359 | 62,493 | 4419,335 | -0,201 | 126,05 | 900 | 0,00 | 0 | -0,0111 | 1,030 | 232,974 |
| 129,60 | 17,339 | 62,420 | 4421,070 | -0,201 | 125,76 | 900 | 0,00 | 0 | -0,0110 | 1,030 | 232,691 |
| 129,70 | 17,319 | 62,348 | 4422,803 | -0,200 | 125,47 | 900 | 0,00 | 0 | -0,0110 | 1,030 | 232,409 |
| 129,80 | 17,299 | 62,276 | 4424,534 | -0,200 | 125,18 | 900 | 0,00 | 0 | -0,0110 | 1,030 | 232,127 |
| 129,90 | 17,279 | 62,204 | 4426,263 | -0,200 | 124,89 | 900 | 0,00 | 0 | -0,0110 | 1,030 | 231,846 |
| 130,00 | 17,259 | 62,132 | 4427,990 | -0,200 | 124,60 | 900 | 0,00 | 0 | -0,0109 | 1,030 | 231,566 |
| 130,10 | 17,239 | 62,060 | 4429,715 | -0,199 | 124,31 | 900 | 0,00 | 0 | -0,0109 | 1,030 | 231,286 |
| 130,20 | 17,219 | 61,988 | 4431,437 | -0,199 | 124,03 | 900 | 0,00 | 0 | -0,0109 | 1,030 | 231,007 |
| 130,30 | 17,199 | 61,917 | 4433,158 | -0,199 | 123,74 | 900 | 0,00 | 0 | -0,0109 | 1,030 | 230,729 |
| 130,40 | 17,179 | 61,845 | 4434,877 | -0,199 | 123,45 | 900 | 0,00 | 0 | -0,0108 | 1,030 | 230,451 |
| 130,50 | 17,159 | 61,773 | 4436,594 | -0,198 | 123,17 | 900 | 0,00 | 0 | -0,0108 | 1,030 | 230,174 |
| 130,60 | 17,139 | 61,702 | 4438,309 | -0,198 | 122,88 | 900 | 0,00 | 0 | -0,0108 | 1,030 | 229,898 |
| 130,70 | 17,120 | 61,631 | 4440,022 | -0,198 | 122,60 | 900 | 0,00 | 0 | -0,0108 | 1,030 | 229,622 |
| 130,80 | 17,100 | 61,559 | 4441,733 | -0,198 | 122,32 | 900 | 0,00 | 0 | -0,0107 | 1,030 | 229,347 |
| 130,90 | 17,080 | 61,488 | 4443,442 | -0,197 | 122,03 | 900 | 0,00 | 0 | -0,0107 | 1,030 | 229,073 |
| 131,00 | 17,060 | 61,417 | 4445,149 | -0,197 | 121,75 | 900 | 0,00 | 0 | -0,0107 | 1,030 | 228,799 |
| 131,10 | 17,041 | 61,346 | 4446,854 | -0,197 | 121,47 | 900 | 0,00 | 0 | -0,0107 | 1,030 | 228,526 |
| 131,20 | 17,021 | 61,275 | 4448,557 | -0,197 | 121,19 | 900 | 0,00 | 0 | -0,0106 | 1,030 | 228,253 |
| 131,30 | 17,001 | 61,204 | 4450,258 | -0,197 | 120,91 | 900 | 0,00 | 0 | -0,0106 | 1,030 | 227,981 |
| 131,40 | 16,982 | 61,134 | 4451,957 | -0,196 | 120,63 | 900 | 0,00 | 0 | -0,0106 | 1,030 | 227,710 |
| 131,50 | 16,962 | 61,063 | 4453,655 | -0,196 | 120,35 | 900 | 0,00 | 0 | -0,0106 | 1,030 | 227,439 |
| 131,60 | 16,942 | 60,992 | 4455,350 | -0,196 | 120,07 | 900 | 0,00 | 0 | -0,0105 | 1,030 | 227,169 |
| 131,70 | 16,923 | 60,922 | 4457,043 | -0,196 | 119,79 | 900 | 0,00 | 0 | -0,0105 | 1,030 | 226,900 |
| 131,80 | 16,903 | 60,851 | 4458,734 | -0,195 | 119,52 | 900 | 0,00 | 0 | -0,0105 | 1,030 | 226,631 |
| 131,90 | 16,884 | 60,781 | 4460,424 | -0,195 | 119,24 | 900 | 0,00 | 0 | -0,0105 | 1,030 | 226,363 |
| 132,00 | 16,864 | 60,711 | 4462,111 | -0,195 | 118,97 | 900 | 0,00 | 0 | -0,0104 | 1,030 | 226,096 |
| 132,10 | 16,845 | 60,641 | 4463,797 | -0,195 | 118,69 | 900 | 0,00 | 0 | -0,0104 | 1,030 | 225,829 |
| 132,20 | 16,825 | 60,571 | 4465,480 | -0,194 | 118,42 | 900 | 0,00 | 0 | -0,0104 | 1,030 | 225,563 |
| 132,30 | 16,806 | 60,501 | 4467,162 | -0,194 | 118,14 | 900 | 0,00 | 0 | -0,0104 | 1,030 | 225,297 |
| 132,40 | 16,786 | 60,431 | 4468,841 | -0,194 | 117,87 | 900 | 0,00 | 0 | -0,0103 | 1,030 | 225,032 |
| 132,50 | 16,767 | 60,361 | 4470,519 | -0,194 | 117,60 | 900 | 0,00 | 0 | -0,0103 | 1,030 | 224,768 |
| 132,60 | 16,748 | 60,291 | 4472,195 | -0,194 | 117,33 | 900 | 0,00 | 0 | -0,0103 | 1,030 | 224,504 |
| 132,70 | 16,728 | 60,221 | 4473,868 | -0,193 | 117,06 | 900 | 0,00 | 0 | -0,0103 | 1,030 | 224,241 |
| 132,80 | 16,709 | 60,152 | 4475,540 | -0,193 | 116,79 | 900 | 0,00 | 0 | -0,0103 | 1,030 | 223,978 |
| 132,90 | 16,690 | 60,082 | 4477,210 | -0,193 | 116,52 | 900 | 0,00 | 0 | -0,0102 | 1,030 | 223,717 |
| 133,00 | 16,670 | 60,013 | 4478,878 | -0,193 | 116,25 | 900 | 0,00 | 0 | -0,0102 | 1,030 | 223,455 |
| 133,10 | 16,651 | 59,944 | 4480,544 | -0,192 | 115,98 | 900 | 0,00 | 0 | -0,0102 | 1,030 | 223,195 |
| 133,20 | 16,632 | 59,874 | 4482,208 | -0,192 | 115,71 | 900 | 0,00 | 0 | -0,0102 | 1,030 | 222,934 |
| 133,30 | 16,613 | 59,805 | 4483,871 | -0,192 | 115,44 | 900 | 0,00 | 0 | -0,0101 | 1,030 | 222,675 |
| 133,40 | 16,593 | 59,736 | 4485,531 | -0,192 | 115,18 | 900 | 0,00 | 0 | -0,0101 | 1,030 | 222,416 |
| 133,50 | 16,574 | 59,667 | 4487,189 | -0,192 | 114,91 | 900 | 0,00 | 0 | -0,0101 | 1,030 | 222,158 |
| 133,60 | 16,555 | 59,598 | 4488,846 | -0,191 | 114,65 | 900 | 0,00 | 0 | -0,0101 | 1,030 | 221,900 |
| 133,70 | 16,536 | 59,529 | 4490,500 | -0,191 | 114,38 | 900 | 0,00 | 0 | -0,0100 | 1,030 | 221,643 |
| 133,80 | 16,517 | 59,460 | 4492,153 | -0,191 | 114,12 | 900 | 0,00 | 0 | -0,0100 | 1,030 | 221,387 |
| 133,90 | 16,498 | 59,392 | 4493,804 | -0,191 | 113,85 | 900 | 0,00 | 0 | -0,0100 | 1,030 | 221,131 |
| 134,00 | 16,479 | 59,323 | 4495,452 | -0,190 | 113,59 | 900 | 0,00 | 0 | -0,0100 | 1,030 | 220,875 |
| 134,10 | 16,460 | 59,254 | 4497,099 | -0,190 | 113,33 | 900 | 0,00 | 0 | -0,0099 | 1,030 | 220,621 |
| 134,20 | 16,441 | 59,186 | 4498,744 | -0,190 | 113,07 | 900 | 0,00 | 0 | -0,0099 | 1,030 | 220,367 |
| 134,30 | 16,422 | 59,118 | 4500,387 | -0,190 | 112,80 | 900 | 0,00 | 0 | -0,0099 | 1,030 | 220,113 |
| 134,40 | 16,403 | 59,049 | 4502,029 | -0,190 | 112,54 | 900 | 0,00 | 0 | -0,0099 | 1,030 | 219,860 |
| 134,50 | 16,384 | 58,981 | 4503,668 | -0,189 | 112,28 | 900 | 0,00 | 0 | -0,0099 | 1,030 | 219,608 |
| 134,60 | 16,365 | 58,913 | 4505,305 | -0,189 | 112,02 | 900 | 0,00 | 0 | -0,0098 | 1,030 | 219,356 |
| 134,70 | 16,346 | 58,845 | 4506,941 | -0,189 | 111,77 | 900 | 0,00 | 0 | -0,0098 | 1,030 | 219,105 |
| 134,80 | 16,327 | 58,777 | 4508,574 | -0,189 | 111,51 | 900 | 0,00 | 0 | -0,0098 | 1,030 | 218,854 |
| 134,90 | 16,308 | 58,709 | 4510,206 | -0,188 | 111,25 | 900 | 0,00 | 0 | -0,0098 | 1,030 | 218,604 |
| 135,00 | 16,289 | 58,641 | 4511,836 | -0,188 | 110,99 | 900 | 0,00 | 0 | -0,0097 | 1,030 | 218,355 |
| 135,10 | 16,270 | 58,573 | 4513,464 | -0,188 | 110,74 | 900 | 0,00 | 0 | -0,0097 | 1,030 | 218,106 |
| 135,20 | 16,252 | 58,506 | 4515,090 | -0,188 | 110,48 | 900 | 0,00 | 0 | -0,0097 | 1,030 | 217,857 |
| 135,30 | 16,233 | 58,438 | 4516,714 | -0,188 | 110,23 | 900 | 0,00 | 0 | -0,0097 | 1,030 | 217,610 |
| 135,40 | 16,214 | 58,371 | 4518,337 | -0,187 | 109,97 | 900 | 0,00 | 0 | -0,0097 | 1,030 | 217,362 |
| 135,50 | 16,195 | 58,303 | 4519,957 | -0,187 | 109,72 | 900 | 0,00 | 0 | -0,0096 | 1,030 | 217,116 |
| 135,60 | 16,177 | 58,236 | 4521,576 | -0,187 | 109,46 | 900 | 0,00 | 0 | -0,0096 | 1,030 | 216,870 |
| 135,70 | 16,158 | 58,168 | 4523,192 | -0,187 | 109,21 | 900 | 0,00 | 0 | -0,0096 | 1,030 | 216,624 |
| 135,80 | 16,139 | 58,101 | 4524,807 | -0,187 | 108,96 | 900 | 0,00 | 0 | -0,0096 | 1,030 | 216,379 |
| 135,90 | 16,121 | 58,034 | 4526,420 | -0,186 | 108,71 | 900 | 0,00 | 0 | -0,0095 | 1,030 | 216,135 |
| 136,00 | 16,102 | 57,967 | 4528,031 | -0,186 | 108,46 | 900 | 0,00 | 0 | -0,0095 | 1,030 | 215,891 |
| 136,10 | 16,083 | 57,900 | 4529,641 | -0,186 | 108,21 | 900 | 0,00 | 0 | -0,0095 | 1,030 | 215,648 |
| 136,20 | 16,065 | 57,833 | 4531,248 | -0,186 | 107,96 | 900 | 0,00 | 0 | -0,0095 | 1,030 | 215,405 |
| 136,30 | 16,046 | 57,766 | 4532,854 | -0,185 | 107,71 | 900 | 0,00 | 0 | -0,0095 | 1,030 | 215,163 |
| 136,40 | 16,028 | 57,699 | 4534,457 | -0,185 | 107,46 | 900 | 0,00 | 0 | -0,0094 | 1,030 | 214,921 |
| 136,50 | 16,009 | 57,633 | 4536,059 | -0,185 | 107,21 | 900 | 0,00 | 0 | -0,0094 | 1,030 | 214,680 |
| 136,60 | 15,991 | 57,566 | 4537,659 | -0,185 | 106,96 | 900 | 0,00 | 0 | -0,0094 | 1,030 | 214,440 |
| 136,70 | 15,972 | 57,499 | 4539,257 | -0,185 | 106,71 | 900 | 0,00 | 0 | -0,0094 | 1,030 | 214,200 |
| 136,80 | 15,954 | 57,433 | 4540,854 | -0,184 | 106,47 | 900 | 0,00 | 0 | -0,0093 | 1,030 | 213,960 |
| 136,90 | 15,935 | 57,367 | 4542,448 | -0,184 | 106,22 | 900 | 0,00 | 0 | -0,0093 | 1,030 | 213,721 |
| 137,00 | 15,917 | 57,300 | 4544,041 | -0,184 | 105,98 | 900 | 0,00 | 0 | -0,0093 | 1,030 | 213,483 |
| 137,10 | 15,898 | 57,234 | 4545,631 | -0,184 | 105,73 | 900 | 0,00 | 0 | -0,0093 | 1,030 | 213,245 |
| 137,20 | 15,880 | 57,168 | 4547,220 | -0,184 | 105,49 | 900 | 0,00 | 0 | -0,0093 | 1,030 | 213,008 |
| 137,30 | 15,862 | 57,102 | 4548,807 | -0,183 | 105,24 | 900 | 0,00 | 0 | -0,0092 | 1,030 | 212,771 |
| 137,40 | 15,843 | 57,036 | 4550,393 | -0,183 | 105,00 | 900 | 0,00 | 0 | -0,0092 | 1,030 | 212,535 |
| 137,50 | 15,825 | 56,970 | 4551,976 | -0,183 | 104,76 | 900 | 0,00 | 0 | -0,0092 | 1,030 | 212,299 |
| 137,60 | 15,807 | 56,904 | 4553,558 | -0,183 | 104,51 | 900 | 0,00 | 0 | -0,0092 | 1,030 | 212,064 |
| 137,70 | 15,788 | 56,838 | 4555,137 | -0,183 | 104,27 | 900 | 0,00 | 0 | -0,0092 | 1,030 | 211,830 |
| 137,80 | 15,770 | 56,772 | 4556,715 | -0,182 | 104,03 | 900 | 0,00 | 0 | -0,0091 | 1,030 | 211,596 |
| 137,90 | 15,752 | 56,707 | 4558,291 | -0,182 | 103,79 | 900 | 0,00 | 0 | -0,0091 | 1,030 | 211,362 |
| 138,00 | 15,734 | 56,641 | 4559,866 | -0,182 | 103,55 | 900 | 0,00 | 0 | -0,0091 | 1,030 | 211,129 |
| 138,10 | 15,715 | 56,576 | 4561,438 | -0,182 | 103,31 | 900 | 0,00 | 0 | -0,0091 | 1,030 | 210,897 |
| 138,20 | 15,697 | 56,510 | 4563,009 | -0,182 | 103,07 | 900 | 0,00 | 0 | -0,0090 | 1,030 | 210,665 |
| 138,30 | 15,679 | 56,445 | 4564,578 | -0,181 | 102,83 | 900 | 0,00 | 0 | -0,0090 | 1,030 | 210,433 |
| 138,40 | 15,661 | 56,379 | 4566,145 | -0,181 | 102,60 | 900 | 0,00 | 0 | -0,0090 | 1,030 | 210,202 |
| 138,50 | 15,643 | 56,314 | 4567,710 | -0,181 | 102,36 | 900 | 0,00 | 0 | -0,0090 | 1,030 | 209,972 |
| 138,60 | 15,625 | 56,249 | 4569,273 | -0,181 | 102,12 | 900 | 0,00 | 0 | -0,0090 | 1,030 | 209,742 |
| 138,70 | 15,607 | 56,184 | 4570,835 | -0,181 | 101,89 | 900 | 0,00 | 0 | -0,0089 | 1,030 | 209,513 |
| 138,80 | 15,589 | 56,119 | 4572,394 | -0,180 | 101,65 | 900 | 0,00 | 0 | -0,0089 | 1,030 | 209,284 |
| 138,90 | 15,571 | 56,054 | 4573,952 | -0,180 | 101,42 | 900 | 0,00 | 0 | -0,0089 | 1,030 | 209,056 |
| 139,00 | 15,553 | 55,989 | 4575,509 | -0,180 | 101,18 | 900 | 0,00 | 0 | -0,0089 | 1,030 | 208,828 |
| 139,10 | 15,535 | 55,924 | 4577,063 | -0,180 | 100,95 | 900 | 0,00 | 0 | -0,0089 | 1,030 | 208,601 |
| 139,20 | 15,517 | 55,859 | 4578,615 | -0,180 | 100,71 | 900 | 0,00 | 0 | -0,0088 | 1,030 | 208,374 |
| 139,30 | 15,499 | 55,795 | 4580,166 | -0,179 | 100,48 | 900 | 0,00 | 0 | -0,0088 | 1,030 | 208,148 |
| 139,40 | 15,481 | 55,730 | 4581,715 | -0,179 | 100,25 | 900 | 0,00 | 0 | -0,0088 | 1,030 | 207,922 |
| 139,50 | 15,463 | 55,666 | 4583,262 | -0,179 | 100,02 | 900 | 0,00 | 0 | -0,0088 | 1,030 | 207,697 |
| 139,60 | 15,445 | 55,601 | 4584,808 | -0,179 | 99,78 | 900 | 0,00 | 0 | -0,0088 | 1,030 | 207,472 |
| 139,70 | 15,427 | 55,537 | 4586,351 | -0,179 | 99,55 | 900 | 0,00 | 0 | -0,0087 | 1,030 | 207,248 |
| 139,80 | 15,409 | 55,473 | 4587,893 | -0,178 | 99,32 | 900 | 0,00 | 0 | -0,0087 | 1,030 | 207,024 |
| 139,90 | 15,391 | 55,408 | 4589,433 | -0,178 | 99,09 | 900 | 0,00 | 0 | -0,0087 | 1,030 | 206,801 |
| 140,00 | 15,373 | 55,344 | 4590,971 | -0,178 | 98,86 | 900 | 0,00 | 0 | -0,0087 | 1,030 | 206,578 |
| 140,10 | 15,356 | 55,280 | 4592,508 | -0,178 | 98,63 | 900 | 0,00 | 0 | -0,0087 | 1,030 | 206,356 |
| 140,20 | 15,338 | 55,216 | 4594,042 | -0,178 | 98,41 | 900 | 0,00 | 0 | -0,0086 | 1,030 | 206,134 |
| 140,30 | 15,320 | 55,152 | 4595,575 | -0,178 | 98,18 | 900 | 0,00 | 0 | -0,0086 | 1,030 | 205,913 |
| 140,40 | 15,302 | 55,088 | 4597,106 | -0,177 | 97,95 | 900 | 0,00 | 0 | -0,0086 | 1,030 | 205,692 |
| 140,50 | 15,285 | 55,024 | 4598,636 | -0,177 | 97,72 | 900 | 0,00 | 0 | -0,0086 | 1,030 | 205,472 |
| 140,60 | 15,267 | 54,960 | 4600,163 | -0,177 | 97,50 | 900 | 0,00 | 0 | -0,0086 | 1,030 | 205,252 |
| 140,70 | 15,249 | 54,897 | 4601,689 | -0,177 | 97,27 | 900 | 0,00 | 0 | -0,0085 | 1,030 | 205,033 |
| 140,80 | 15,231 | 54,833 | 4603,213 | -0,177 | 97,05 | 900 | 0,00 | 0 | -0,0085 | 1,030 | 204,814 |
| 140,90 | 15,214 | 54,770 | 4604,735 | -0,176 | 96,82 | 900 | 0,00 | 0 | -0,0085 | 1,030 | 204,595 |
| 141,00 | 15,196 | 54,706 | 4606,256 | -0,176 | 96,60 | 900 | 0,00 | 0 | -0,0085 | 1,030 | 204,378 |
| 141,10 | 15,179 | 54,643 | 4607,775 | -0,176 | 96,37 | 900 | 0,00 | 0 | -0,0085 | 1,030 | 204,160 |
| 141,20 | 15,161 | 54,579 | 4609,292 | -0,176 | 96,15 | 900 | 0,00 | 0 | -0,0084 | 1,030 | 203,943 |
| 141,30 | 15,143 | 54,516 | 4610,807 | -0,176 | 95,93 | 900 | 0,00 | 0 | -0,0084 | 1,030 | 203,727 |
| 141,40 | 15,126 | 54,453 | 4612,320 | -0,175 | 95,70 | 900 | 0,00 | 0 | -0,0084 | 1,030 | 203,511 |
| 141,50 | 15,108 | 54,390 | 4613,832 | -0,175 | 95,48 | 900 | 0,00 | 0 | -0,0084 | 1,030 | 203,296 |
| 141,60 | 15,091 | 54,327 | 4615,342 | -0,175 | 95,26 | 900 | 0,00 | 0 | -0,0084 | 1,030 | 203,081 |
| 141,70 | 15,073 | 54,264 | 4616,850 | -0,175 | 95,04 | 900 | 0,00 | 0 | -0,0083 | 1,030 | 202,866 |
| 141,80 | 15,056 | 54,201 | 4618,357 | -0,175 | 94,82 | 900 | 0,00 | 0 | -0,0083 | 1,030 | 202,652 |
| 141,90 | 15,038 | 54,138 | 4619,861 | -0,175 | 94,60 | 900 | 0,00 | 0 | -0,0083 | 1,030 | 202,439 |
| 142,00 | 15,021 | 54,075 | 4621,364 | -0,174 | 94,38 | 900 | 0,00 | 0 | -0,0083 | 1,030 | 202,226 |
| 142,10 | 15,003 | 54,012 | 4622,865 | -0,174 | 94,16 | 900 | 0,00 | 0 | -0,0083 | 1,030 | 202,013 |
| 142,20 | 14,986 | 53,949 | 4624,365 | -0,174 | 93,94 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 201,801 |
| 142,30 | 14,969 | 53,887 | 4625,863 | -0,174 | 93,73 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 201,589 |
| 142,40 | 14,951 | 53,824 | 4627,359 | -0,174 | 93,51 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 201,378 |
| 142,50 | 14,934 | 53,762 | 4628,853 | -0,173 | 93,29 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 201,168 |
| 142,60 | 14,916 | 53,699 | 4630,345 | -0,173 | 93,07 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 200,957 |
| 142,70 | 14,899 | 53,637 | 4631,836 | -0,173 | 92,86 | 900 | 0,00 | 0 | -0,0082 | 1,030 | 200,748 |
| 142,80 | 14,882 | 53,575 | 4633,325 | -0,173 | 92,64 | 900 | 0,00 | 0 | -0,0081 | 1,030 | 200,538 |
| 142,90 | 14,865 | 53,512 | 4634,813 | -0,173 | 92,43 | 900 | 0,00 | 0 | -0,0081 | 1,030 | 200,329 |
| 143,00 | 14,847 | 53,450 | 4636,298 | -0,173 | 92,21 | 900 | 0,00 | 0 | -0,0081 | 1,030 | 200,121 |
| 143,10 | 14,830 | 53,388 | 4637,782 | -0,172 | 92,00 | 900 | 0,00 | 0 | -0,0081 | 1,030 | 199,913 |
| 143,20 | 14,813 | 53,326 | 4639,264 | -0,172 | 91,78 | 900 | 0,00 | 0 | -0,0081 | 1,030 | 199,706 |
| 143,30 | 14,796 | 53,264 | 4640,745 | -0,172 | 91,57 | 900 | 0,00 | 0 | -0,0080 | 1,030 | 199,499 |
| 143,40 | 14,778 | 53,202 | 4642,223 | -0,172 | 91,36 | 900 | 0,00 | 0 | -0,0080 | 1,030 | 199,292 |
| 143,50 | 14,761 | 53,140 | 4643,700 | -0,172 | 91,15 | 900 | 0,00 | 0 | -0,0080 | 1,030 | 199,086 |
| 143,60 | 14,744 | 53,079 | 4645,175 | -0,171 | 90,93 | 900 | 0,00 | 0 | -0,0080 | 1,030 | 198,880 |
| 143,70 | 14,727 | 53,017 | 4646,649 | -0,171 | 90,72 | 900 | 0,00 | 0 | -0,0080 | 1,030 | 198,675 |
| 143,80 | 14,710 | 52,955 | 4648,121 | -0,171 | 90,51 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 198,470 |
| 143,90 | 14,693 | 52,894 | 4649,591 | -0,171 | 90,30 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 198,266 |
| 144,00 | 14,676 | 52,832 | 4651,059 | -0,171 | 90,09 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 198,062 |
| 144,10 | 14,658 | 52,771 | 4652,526 | -0,171 | 89,88 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 197,859 |
| 144,20 | 14,641 | 52,709 | 4653,991 | -0,170 | 89,67 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 197,656 |
| 144,30 | 14,624 | 52,648 | 4655,454 | -0,170 | 89,46 | 900 | 0,00 | 0 | -0,0079 | 1,030 | 197,453 |
| 144,40 | 14,607 | 52,587 | 4656,916 | -0,170 | 89,26 | 900 | 0,00 | 0 | -0,0078 | 1,030 | 197,251 |
| 144,50 | 14,590 | 52,525 | 4658,376 | -0,170 | 89,05 | 900 | 0,00 | 0 | -0,0078 | 1,030 | 197,050 |
| 144,60 | 14,573 | 52,464 | 4659,834 | -0,170 | 88,84 | 900 | 0,00 | 0 | -0,0078 | 1,030 | 196,848 |
| 144,70 | 14,556 | 52,403 | 4661,291 | -0,170 | 88,64 | 900 | 0,00 | 0 | -0,0078 | 1,030 | 196,648 |
| 144,80 | 14,539 | 52,342 | 4662,745 | -0,169 | 88,43 | 900 | 0,00 | 0 | -0,0078 | 1,030 | 196,447 |
| 144,90 | 14,523 | 52,281 | 4664,198 | -0,169 | 88,22 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 196,247 |
| 145,00 | 14,506 | 52,220 | 4665,650 | -0,169 | 88,02 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 196,048 |
| 145,10 | 14,489 | 52,159 | 4667,100 | -0,169 | 87,81 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 195,849 |
| 145,20 | 14,472 | 52,099 | 4668,548 | -0,169 | 87,61 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 195,650 |
| 145,30 | 14,455 | 52,038 | 4669,994 | -0,168 | 87,40 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 195,452 |
| 145,40 | 14,438 | 51,977 | 4671,439 | -0,168 | 87,20 | 900 | 0,00 | 0 | -0,0077 | 1,030 | 195,254 |
| 145,50 | 14,421 | 51,917 | 4672,882 | -0,168 | 87,00 | 900 | 0,00 | 0 | -0,0076 | 1,030 | 195,057 |
| 145,60 | 14,404 | 51,856 | 4674,323 | -0,168 | 86,79 | 900 | 0,00 | 0 | -0,0076 | 1,030 | 194,860 |
| 145,70 | 14,388 | 51,796 | 4675,762 | -0,168 | 86,59 | 900 | 0,00 | 0 | -0,0076 | 1,030 | 194,664 |
| 145,80 | 14,371 | 51,735 | 4677,200 | -0,168 | 86,39 | 900 | 0,00 | 0 | -0,0076 | 1,030 | 194,468 |
| 145,90 | 14,354 | 51,675 | 4678,637 | -0,167 | 86,19 | 900 | 0,00 | 0 | -0,0076 | 1,030 | 194,272 |
| 146,00 | 14,337 | 51,614 | 4680,071 | -0,167 | 85,99 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 194,077 |
| 146,10 | 14,321 | 51,554 | 4681,504 | -0,167 | 85,79 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 193,882 |
| 146,20 | 14,304 | 51,494 | 4682,935 | -0,167 | 85,59 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 193,688 |
| 146,30 | 14,287 | 51,434 | 4684,365 | -0,167 | 85,39 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 193,494 |
| 146,40 | 14,271 | 51,374 | 4685,793 | -0,167 | 85,19 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 193,301 |
| 146,50 | 14,254 | 51,314 | 4687,219 | -0,166 | 84,99 | 900 | 0,00 | 0 | -0,0075 | 1,030 | 193,108 |
| 146,60 | 14,237 | 51,254 | 4688,644 | -0,166 | 84,79 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 192,915 |
| 146,70 | 14,221 | 51,194 | 4690,066 | -0,166 | 84,59 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 192,723 |
| 146,80 | 14,204 | 51,134 | 4691,488 | -0,166 | 84,40 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 192,531 |
| 146,90 | 14,187 | 51,075 | 4692,907 | -0,166 | 84,20 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 192,340 |
| 147,00 | 14,171 | 51,015 | 4694,325 | -0,166 | 84,00 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 192,149 |
| 147,10 | 14,154 | 50,955 | 4695,741 | -0,165 | 83,81 | 900 | 0,00 | 0 | -0,0074 | 1,030 | 191,958 |
| 147,20 | 14,138 | 50,896 | 4697,156 | -0,165 | 83,61 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 191,768 |
| 147,30 | 14,121 | 50,836 | 4698,569 | -0,165 | 83,41 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 191,578 |
| 147,40 | 14,105 | 50,777 | 4699,980 | -0,165 | 83,22 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 191,389 |
| 147,50 | 14,088 | 50,717 | 4701,390 | -0,165 | 83,02 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 191,200 |
| 147,60 | 14,072 | 50,658 | 4702,798 | -0,165 | 82,83 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 191,012 |
| 147,70 | 14,055 | 50,599 | 4704,204 | -0,165 | 82,64 | 900 | 0,00 | 0 | -0,0073 | 1,030 | 190,824 |
| 147,80 | 14,039 | 50,539 | 4705,609 | -0,164 | 82,44 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 190,636 |
| 147,90 | 14,022 | 50,480 | 4707,012 | -0,164 | 82,25 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 190,449 |
| 148,00 | 14,006 | 50,421 | 4708,413 | -0,164 | 82,06 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 190,262 |
| 148,10 | 13,989 | 50,362 | 4709,813 | -0,164 | 81,87 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 190,075 |
| 148,20 | 13,973 | 50,303 | 4711,211 | -0,164 | 81,67 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 189,889 |
| 148,30 | 13,957 | 50,244 | 4712,608 | -0,164 | 81,48 | 900 | 0,00 | 0 | -0,0072 | 1,030 | 189,703 |
| 148,40 | 13,940 | 50,185 | 4714,003 | -0,163 | 81,29 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 189,518 |
| 148,50 | 13,924 | 50,127 | 4715,396 | -0,163 | 81,10 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 189,333 |
| 148,60 | 13,908 | 50,068 | 4716,787 | -0,163 | 80,91 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 189,149 |
| 148,70 | 13,891 | 50,009 | 4718,177 | -0,163 | 80,72 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 188,965 |
| 148,80 | 13,875 | 49,950 | 4719,566 | -0,163 | 80,53 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 188,781 |
| 148,90 | 13,859 | 49,892 | 4720,952 | -0,163 | 80,34 | 900 | 0,00 | 0 | -0,0071 | 1,030 | 188,598 |
| 149,00 | 13,843 | 49,833 | 4722,337 | -0,162 | 80,16 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 188,415 |
| 149,10 | 13,826 | 49,775 | 4723,721 | -0,162 | 79,97 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 188,232 |
| 149,20 | 13,810 | 49,716 | 4725,103 | -0,162 | 79,78 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 188,050 |
| 149,30 | 13,794 | 49,658 | 4726,483 | -0,162 | 79,59 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 187,868 |
| 149,40 | 13,778 | 49,600 | 4727,861 | -0,162 | 79,41 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 187,687 |
| 149,50 | 13,762 | 49,542 | 4729,238 | -0,162 | 79,22 | 900 | 0,00 | 0 | -0,0070 | 1,030 | 187,506 |
| 149,60 | 13,745 | 49,483 | 4730,614 | -0,161 | 79,03 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 187,326 |
| 149,70 | 13,729 | 49,425 | 4731,988 | -0,161 | 78,85 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 187,145 |
| 149,80 | 13,713 | 49,367 | 4733,360 | -0,161 | 78,66 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 186,966 |
| 149,90 | 13,697 | 49,309 | 4734,730 | -0,161 | 78,48 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 186,786 |
| 150,00 | 13,681 | 49,251 | 4736,099 | -0,161 | 78,29 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 186,607 |
| 150,10 | 13,665 | 49,193 | 4737,466 | -0,161 | 78,11 | 900 | 0,00 | 0 | -0,0069 | 1,030 | 186,428 |
| 150,20 | 13,649 | 49,135 | 4738,832 | -0,161 | 77,93 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 186,250 |
| 150,30 | 13,633 | 49,078 | 4740,196 | -0,160 | 77,74 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 186,072 |
| 150,40 | 13,617 | 49,020 | 4741,559 | -0,160 | 77,56 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 185,895 |
| 150,50 | 13,601 | 48,962 | 4742,919 | -0,160 | 77,38 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 185,718 |
| 150,60 | 13,585 | 48,904 | 4744,279 | -0,160 | 77,20 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 185,541 |
| 150,70 | 13,569 | 48,847 | 4745,636 | -0,160 | 77,01 | 900 | 0,00 | 0 | -0,0068 | 1,030 | 185,364 |
| 150,80 | 13,553 | 48,789 | 4746,992 | -0,160 | 76,83 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 185,188 |
| 150,90 | 13,537 | 48,732 | 4748,347 | -0,159 | 76,65 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 185,013 |
| 151,00 | 13,521 | 48,674 | 4749,700 | -0,159 | 76,47 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 184,838 |
| 151,10 | 13,505 | 48,617 | 4751,051 | -0,159 | 76,29 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 184,663 |
| 151,20 | 13,489 | 48,560 | 4752,401 | -0,159 | 76,11 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 184,488 |
| 151,30 | 13,473 | 48,503 | 4753,749 | -0,159 | 75,93 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 184,314 |
| 151,40 | 13,457 | 48,445 | 4755,095 | -0,159 | 75,75 | 900 | 0,00 | 0 | -0,0067 | 1,030 | 184,140 |
| 151,50 | 13,441 | 48,388 | 4756,440 | -0,159 | 75,57 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,967 |
| 151,60 | 13,425 | 48,331 | 4757,783 | -0,158 | 75,40 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,794 |
| 151,70 | 13,409 | 48,274 | 4759,125 | -0,158 | 75,22 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,621 |
| 151,80 | 13,394 | 48,217 | 4760,465 | -0,158 | 75,04 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,449 |
| 151,90 | 13,378 | 48,160 | 4761,804 | -0,158 | 74,86 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,277 |
| 152,00 | 13,362 | 48,103 | 4763,141 | -0,158 | 74,69 | 900 | 0,00 | 0 | -0,0066 | 1,030 | 183,105 |
| 152,10 | 13,346 | 48,046 | 4764,476 | -0,158 | 74,51 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,934 |
| 152,20 | 13,330 | 47,990 | 4765,810 | -0,158 | 74,33 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,763 |
| 152,30 | 13,315 | 47,933 | 4767,142 | -0,157 | 74,16 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,593 |
| 152,40 | 13,299 | 47,876 | 4768,473 | -0,157 | 73,98 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,423 |
| 152,50 | 13,283 | 47,820 | 4769,802 | -0,157 | 73,81 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,253 |
| 152,60 | 13,268 | 47,763 | 4771,130 | -0,157 | 73,63 | 900 | 0,00 | 0 | -0,0065 | 1,030 | 182,083 |
| 152,70 | 13,252 | 47,707 | 4772,456 | -0,157 | 73,46 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,914 |
| 152,80 | 13,236 | 47,650 | 4773,780 | -0,157 | 73,29 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,746 |
| 152,90 | 13,220 | 47,594 | 4775,103 | -0,157 | 73,11 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,577 |
| 153,00 | 13,205 | 47,537 | 4776,424 | -0,156 | 72,94 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,409 |
| 153,10 | 13,189 | 47,481 | 4777,744 | -0,156 | 72,77 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,242 |
| 153,20 | 13,174 | 47,425 | 4779,062 | -0,156 | 72,59 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 181,074 |
| 153,30 | 13,158 | 47,369 | 4780,379 | -0,156 | 72,42 | 900 | 0,00 | 0 | -0,0064 | 1,030 | 180,907 |
| 153,40 | 13,142 | 47,313 | 4781,694 | -0,156 | 72,25 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 180,741 |
| 153,50 | 13,127 | 47,256 | 4783,007 | -0,156 | 72,08 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 180,575 |
| 153,60 | 13,111 | 47,200 | 4784,319 | -0,156 | 71,91 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 180,409 |
| 153,70 | 13,096 | 47,144 | 4785,629 | -0,155 | 71,74 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 180,243 |
| 153,80 | 13,080 | 47,088 | 4786,938 | -0,155 | 71,57 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 180,078 |
| 153,90 | 13,065 | 47,033 | 4788,245 | -0,155 | 71,40 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 179,913 |
| 154,00 | 13,049 | 46,977 | 4789,551 | -0,155 | 71,23 | 900 | 0,00 | 0 | -0,0063 | 1,030 | 179,749 |
| 154,10 | 13,034 | 46,921 | 4790,855 | -0,155 | 71,06 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 179,585 |
| 154,20 | 13,018 | 46,865 | 4792,158 | -0,155 | 70,89 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 179,421 |
| 154,30 | 13,003 | 46,810 | 4793,459 | -0,155 | 70,72 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 179,257 |
| 154,40 | 12,987 | 46,754 | 4794,758 | -0,154 | 70,56 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 179,094 |
| 154,50 | 12,972 | 46,698 | 4796,056 | -0,154 | 70,39 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 178,931 |
| 154,60 | 12,956 | 46,643 | 4797,353 | -0,154 | 70,22 | 900 | 0,00 | 0 | -0,0062 | 1,030 | 178,769 |
| 154,70 | 12,941 | 46,587 | 4798,648 | -0,154 | 70,05 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 178,607 |
| 154,80 | 12,926 | 46,532 | 4799,941 | -0,154 | 69,89 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 178,445 |
| 154,90 | 12,910 | 46,477 | 4801,233 | -0,154 | 69,72 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 178,284 |
| 155,00 | 12,895 | 46,421 | 4802,523 | -0,154 | 69,55 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 178,123 |
| 155,10 | 12,879 | 46,366 | 4803,812 | -0,153 | 69,39 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 177,962 |
| 155,20 | 12,864 | 46,311 | 4805,099 | -0,153 | 69,22 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 177,802 |
| 155,30 | 12,849 | 46,255 | 4806,384 | -0,153 | 69,06 | 900 | 0,00 | 0 | -0,0061 | 1,030 | 177,641 |
| 155,40 | 12,833 | 46,200 | 4807,669 | -0,153 | 68,89 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 177,482 |
| 155,50 | 12,818 | 46,145 | 4808,951 | -0,153 | 68,73 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 177,322 |
| 155,60 | 12,803 | 46,090 | 4810,232 | -0,153 | 68,57 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 177,163 |
| 155,70 | 12,788 | 46,035 | 4811,512 | -0,153 | 68,40 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 177,005 |
| 155,80 | 12,772 | 45,980 | 4812,790 | -0,152 | 68,24 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 176,846 |
| 155,90 | 12,757 | 45,925 | 4814,066 | -0,152 | 68,08 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 176,688 |
| 156,00 | 12,742 | 45,871 | 4815,341 | -0,152 | 67,91 | 900 | 0,00 | 0 | -0,0060 | 1,030 | 176,530 |
| 156,10 | 12,727 | 45,816 | 4816,615 | -0,152 | 67,75 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 176,373 |
| 156,20 | 12,711 | 45,761 | 4817,886 | -0,152 | 67,59 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 176,216 |
| 156,30 | 12,696 | 45,706 | 4819,157 | -0,152 | 67,43 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 176,059 |
| 156,40 | 12,681 | 45,652 | 4820,426 | -0,152 | 67,27 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 175,903 |
| 156,50 | 12,666 | 45,597 | 4821,693 | -0,152 | 67,11 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 175,747 |
| 156,60 | 12,651 | 45,543 | 4822,959 | -0,151 | 66,95 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 175,591 |
| 156,70 | 12,636 | 45,488 | 4824,223 | -0,151 | 66,79 | 900 | 0,00 | 0 | -0,0059 | 1,030 | 175,435 |
| 156,80 | 12,620 | 45,434 | 4825,486 | -0,151 | 66,63 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 175,280 |
| 156,90 | 12,605 | 45,379 | 4826,747 | -0,151 | 66,47 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 175,125 |
| 157,00 | 12,590 | 45,325 | 4828,007 | -0,151 | 66,31 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,971 |
| 157,10 | 12,575 | 45,271 | 4829,265 | -0,151 | 66,15 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,817 |
| 157,20 | 12,560 | 45,216 | 4830,522 | -0,151 | 65,99 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,663 |
| 157,30 | 12,545 | 45,162 | 4831,777 | -0,150 | 65,83 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,509 |
| 157,40 | 12,530 | 45,108 | 4833,031 | -0,150 | 65,67 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,356 |
| 157,50 | 12,515 | 45,054 | 4834,283 | -0,150 | 65,52 | 900 | 0,00 | 0 | -0,0058 | 1,030 | 174,203 |
| 157,60 | 12,500 | 45,000 | 4835,534 | -0,150 | 65,36 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 174,051 |
| 157,70 | 12,485 | 44,946 | 4836,783 | -0,150 | 65,20 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,899 |
| 157,80 | 12,470 | 44,892 | 4838,031 | -0,150 | 65,05 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,747 |
| 157,90 | 12,455 | 44,838 | 4839,277 | -0,150 | 64,89 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,595 |
| 158,00 | 12,440 | 44,784 | 4840,522 | -0,150 | 64,74 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,444 |
| 158,10 | 12,425 | 44,730 | 4841,765 | -0,149 | 64,58 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,293 |
| 158,20 | 12,410 | 44,676 | 4843,007 | -0,149 | 64,42 | 900 | 0,00 | 0 | -0,0057 | 1,030 | 173,142 |
| 158,30 | 12,395 | 44,623 | 4844,247 | -0,149 | 64,27 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,992 |
| 158,40 | 12,380 | 44,569 | 4845,486 | -0,149 | 64,11 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,842 |
| 158,50 | 12,365 | 44,515 | 4846,723 | -0,149 | 63,96 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,692 |
| 158,60 | 12,351 | 44,462 | 4847,959 | -0,149 | 63,81 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,542 |
| 158,70 | 12,336 | 44,408 | 4849,194 | -0,149 | 63,65 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,393 |
| 158,80 | 12,321 | 44,355 | 4850,426 | -0,148 | 63,50 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,245 |
| 158,90 | 12,306 | 44,301 | 4851,658 | -0,148 | 63,35 | 900 | 0,00 | 0 | -0,0056 | 1,030 | 172,096 |
| 159,00 | 12,291 | 44,248 | 4852,888 | -0,148 | 63,19 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,948 |
| 159,10 | 12,276 | 44,195 | 4854,116 | -0,148 | 63,04 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,800 |
| 159,20 | 12,261 | 44,141 | 4855,343 | -0,148 | 62,89 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,652 |
| 159,30 | 12,247 | 44,088 | 4856,568 | -0,148 | 62,74 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,505 |
| 159,40 | 12,232 | 44,035 | 4857,792 | -0,148 | 62,59 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,358 |
| 159,50 | 12,217 | 43,982 | 4859,015 | -0,148 | 62,44 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,211 |
| 159,60 | 12,202 | 43,928 | 4860,236 | -0,147 | 62,28 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 171,065 |
| 159,70 | 12,188 | 43,875 | 4861,455 | -0,147 | 62,13 | 900 | 0,00 | 0 | -0,0055 | 1,030 | 170,919 |
| 159,80 | 12,173 | 43,822 | 4862,673 | -0,147 | 61,98 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,773 |
| 159,90 | 12,158 | 43,769 | 4863,890 | -0,147 | 61,83 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,628 |
| 160,00 | 12,143 | 43,716 | 4865,105 | -0,147 | 61,68 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,482 |
| 160,10 | 12,129 | 43,663 | 4866,318 | -0,147 | 61,54 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,338 |
| 160,20 | 12,114 | 43,611 | 4867,530 | -0,147 | 61,39 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,193 |
| 160,30 | 12,099 | 43,558 | 4868,741 | -0,147 | 61,24 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 170,049 |
| 160,40 | 12,085 | 43,505 | 4869,950 | -0,146 | 61,09 | 900 | 0,00 | 0 | -0,0054 | 1,030 | 169,905 |
| 160,50 | 12,070 | 43,452 | 4871,158 | -0,146 | 60,94 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,761 |
| 160,60 | 12,055 | 43,400 | 4872,364 | -0,146 | 60,79 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,618 |
| 160,70 | 12,041 | 43,347 | 4873,569 | -0,146 | 60,65 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,475 |
| 160,80 | 12,026 | 43,294 | 4874,772 | -0,146 | 60,50 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,332 |
| 160,90 | 12,012 | 43,242 | 4875,974 | -0,146 | 60,35 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,189 |
| 161,00 | 11,997 | 43,189 | 4877,175 | -0,146 | 60,21 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 169,047 |
| 161,10 | 11,982 | 43,137 | 4878,374 | -0,146 | 60,06 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 168,905 |
| 161,20 | 11,968 | 43,084 | 4879,571 | -0,145 | 59,91 | 900 | 0,00 | 0 | -0,0053 | 1,030 | 168,764 |
| 161,30 | 11,953 | 43,032 | 4880,767 | -0,145 | 59,77 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 168,622 |
| 161,40 | 11,939 | 42,980 | 4881,962 | -0,145 | 59,62 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 168,481 |
| 161,50 | 11,924 | 42,927 | 4883,155 | -0,145 | 59,48 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 168,340 |
| 161,60 | 11,910 | 42,875 | 4884,347 | -0,145 | 59,33 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 168,200 |
| 161,70 | 11,895 | 42,823 | 4885,537 | -0,145 | 59,19 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 168,060 |
| 161,80 | 11,881 | 42,771 | 4886,726 | -0,145 | 59,05 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 167,920 |
| 161,90 | 11,866 | 42,719 | 4887,913 | -0,145 | 58,90 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 167,780 |
| 162,00 | 11,852 | 42,667 | 4889,099 | -0,145 | 58,76 | 900 | 0,00 | 0 | -0,0052 | 1,030 | 167,641 |
| 162,10 | 11,837 | 42,615 | 4890,284 | -0,144 | 58,61 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 167,502 |
| 162,20 | 11,823 | 42,563 | 4891,467 | -0,144 | 58,47 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 167,363 |
| 162,30 | 11,809 | 42,511 | 4892,648 | -0,144 | 58,33 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 167,225 |
| 162,40 | 11,794 | 42,459 | 4893,828 | -0,144 | 58,19 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 167,086 |
| 162,50 | 11,780 | 42,407 | 4895,007 | -0,144 | 58,05 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 166,949 |
| 162,60 | 11,765 | 42,355 | 4896,184 | -0,144 | 57,90 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 166,811 |
| 162,70 | 11,751 | 42,303 | 4897,360 | -0,144 | 57,76 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 166,674 |
| 162,80 | 11,737 | 42,252 | 4898,534 | -0,144 | 57,62 | 900 | 0,00 | 0 | -0,0051 | 1,030 | 166,537 |
| 162,90 | 11,722 | 42,200 | 4899,707 | -0,143 | 57,48 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 166,400 |
| 163,00 | 11,708 | 42,148 | 4900,879 | -0,143 | 57,34 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 166,263 |
| 163,10 | 11,694 | 42,097 | 4902,049 | -0,143 | 57,20 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 166,127 |
| 163,20 | 11,679 | 42,045 | 4903,218 | -0,143 | 57,06 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 165,991 |
| 163,30 | 11,665 | 41,994 | 4904,385 | -0,143 | 56,92 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 165,855 |
| 163,40 | 11,651 | 41,942 | 4905,551 | -0,143 | 56,78 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 165,720 |
| 163,50 | 11,636 | 41,891 | 4906,715 | -0,143 | 56,64 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 165,585 |
| 163,60 | 11,622 | 41,839 | 4907,878 | -0,143 | 56,50 | 900 | 0,00 | 0 | -0,0050 | 1,030 | 165,450 |
| 163,70 | 11,608 | 41,788 | 4909,039 | -0,143 | 56,36 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 165,316 |
| 163,80 | 11,594 | 41,737 | 4910,199 | -0,142 | 56,22 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 165,181 |
| 163,90 | 11,579 | 41,685 | 4911,358 | -0,142 | 56,09 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 165,047 |
| 164,00 | 11,565 | 41,634 | 4912,515 | -0,142 | 55,95 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,914 |
| 164,10 | 11,551 | 41,583 | 4913,671 | -0,142 | 55,81 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,780 |
| 164,20 | 11,537 | 41,532 | 4914,825 | -0,142 | 55,67 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,647 |
| 164,30 | 11,522 | 41,481 | 4915,978 | -0,142 | 55,54 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,514 |
| 164,40 | 11,508 | 41,430 | 4917,130 | -0,142 | 55,40 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,381 |
| 164,50 | 11,494 | 41,379 | 4918,280 | -0,142 | 55,26 | 900 | 0,00 | 0 | -0,0049 | 1,030 | 164,249 |
| 164,60 | 11,480 | 41,328 | 4919,429 | -0,141 | 55,13 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 164,117 |
| 164,70 | 11,466 | 41,277 | 4920,576 | -0,141 | 54,99 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,985 |
| 164,80 | 11,452 | 41,226 | 4921,722 | -0,141 | 54,86 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,853 |
| 164,90 | 11,438 | 41,175 | 4922,866 | -0,141 | 54,72 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,722 |
| 165,00 | 11,423 | 41,124 | 4924,009 | -0,141 | 54,59 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,591 |
| 165,10 | 11,409 | 41,073 | 4925,151 | -0,141 | 54,45 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,460 |
| 165,20 | 11,395 | 41,023 | 4926,291 | -0,141 | 54,32 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,330 |
| 165,30 | 11,381 | 40,972 | 4927,430 | -0,141 | 54,18 | 900 | 0,00 | 0 | -0,0048 | 1,030 | 163,200 |
| 165,40 | 11,367 | 40,921 | 4928,567 | -0,141 | 54,05 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 163,070 |
| 165,50 | 11,353 | 40,871 | 4929,703 | -0,140 | 53,92 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,940 |
| 165,60 | 11,339 | 40,820 | 4930,838 | -0,140 | 53,78 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,810 |
| 165,70 | 11,325 | 40,770 | 4931,971 | -0,140 | 53,65 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,681 |
| 165,80 | 11,311 | 40,719 | 4933,103 | -0,140 | 53,52 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,552 |
| 165,90 | 11,297 | 40,669 | 4934,233 | -0,140 | 53,38 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,424 |
| 166,00 | 11,283 | 40,618 | 4935,362 | -0,140 | 53,25 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,295 |
| 166,10 | 11,269 | 40,568 | 4936,490 | -0,140 | 53,12 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,167 |
| 166,20 | 11,255 | 40,518 | 4937,616 | -0,140 | 52,99 | 900 | 0,00 | 0 | -0,0047 | 1,030 | 162,039 |
| 166,30 | 11,241 | 40,467 | 4938,741 | -0,140 | 52,86 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,912 |
| 166,40 | 11,227 | 40,417 | 4939,864 | -0,139 | 52,73 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,784 |
| 166,50 | 11,213 | 40,367 | 4940,986 | -0,139 | 52,59 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,657 |
| 166,60 | 11,199 | 40,317 | 4942,107 | -0,139 | 52,46 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,530 |
| 166,70 | 11,185 | 40,267 | 4943,226 | -0,139 | 52,33 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,404 |
| 166,80 | 11,171 | 40,217 | 4944,344 | -0,139 | 52,20 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,277 |
| 166,90 | 11,157 | 40,166 | 4945,460 | -0,139 | 52,07 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,151 |
| 167,00 | 11,143 | 40,116 | 4946,575 | -0,139 | 51,94 | 900 | 0,00 | 0 | -0,0046 | 1,030 | 161,025 |
| 167,10 | 11,130 | 40,066 | 4947,689 | -0,139 | 51,81 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,900 |
| 167,20 | 11,116 | 40,017 | 4948,801 | -0,139 | 51,69 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,775 |
| 167,30 | 11,102 | 39,967 | 4949,912 | -0,138 | 51,56 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,649 |
| 167,40 | 11,088 | 39,917 | 4951,022 | -0,138 | 51,43 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,525 |
| 167,50 | 11,074 | 39,867 | 4952,130 | -0,138 | 51,30 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,400 |
| 167,60 | 11,060 | 39,817 | 4953,237 | -0,138 | 51,17 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,276 |
| 167,70 | 11,047 | 39,767 | 4954,342 | -0,138 | 51,04 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,152 |
| 167,80 | 11,033 | 39,718 | 4955,446 | -0,138 | 50,92 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 160,028 |
| 167,90 | 11,019 | 39,668 | 4956,548 | -0,138 | 50,79 | 900 | 0,00 | 0 | -0,0045 | 1,030 | 159,904 |
| 168,00 | 11,005 | 39,618 | 4957,650 | -0,138 | 50,66 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,781 |
| 168,10 | 10,991 | 39,569 | 4958,749 | -0,138 | 50,54 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,658 |
| 168,20 | 10,978 | 39,519 | 4959,848 | -0,138 | 50,41 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,535 |
| 168,30 | 10,964 | 39,470 | 4960,945 | -0,137 | 50,28 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,413 |
| 168,40 | 10,950 | 39,420 | 4962,041 | -0,137 | 50,16 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,290 |
| 168,50 | 10,936 | 39,371 | 4963,135 | -0,137 | 50,03 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,168 |
| 168,60 | 10,923 | 39,322 | 4964,228 | -0,137 | 49,91 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 159,047 |
| 168,70 | 10,909 | 39,272 | 4965,320 | -0,137 | 49,78 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 158,925 |
| 168,80 | 10,895 | 39,223 | 4966,410 | -0,137 | 49,66 | 900 | 0,00 | 0 | -0,0044 | 1,030 | 158,804 |
| 168,90 | 10,882 | 39,174 | 4967,499 | -0,137 | 49,53 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,683 |
| 169,00 | 10,868 | 39,124 | 4968,586 | -0,137 | 49,41 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,562 |
| 169,10 | 10,854 | 39,075 | 4969,672 | -0,137 | 49,28 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,441 |
| 169,20 | 10,841 | 39,026 | 4970,757 | -0,136 | 49,16 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,321 |
| 169,30 | 10,827 | 38,977 | 4971,840 | -0,136 | 49,03 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,201 |
| 169,40 | 10,813 | 38,928 | 4972,922 | -0,136 | 48,91 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 158,081 |
| 169,50 | 10,800 | 38,879 | 4974,003 | -0,136 | 48,79 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 157,961 |
| 169,60 | 10,786 | 38,830 | 4975,082 | -0,136 | 48,67 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 157,842 |
| 169,70 | 10,772 | 38,781 | 4976,160 | -0,136 | 48,54 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 157,723 |
| 169,80 | 10,759 | 38,732 | 4977,237 | -0,136 | 48,42 | 900 | 0,00 | 0 | -0,0043 | 1,030 | 157,604 |
| 169,90 | 10,745 | 38,683 | 4978,312 | -0,136 | 48,30 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 157,485 |
| 170,00 | 10,732 | 38,634 | 4979,386 | -0,136 | 48,18 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 157,367 |
| 170,10 | 10,718 | 38,585 | 4980,458 | -0,136 | 48,05 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 157,249 |
| 170,20 | 10,705 | 38,536 | 4981,529 | -0,135 | 47,93 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 157,131 |
| 170,30 | 10,691 | 38,487 | 4982,599 | -0,135 | 47,81 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 157,013 |
| 170,40 | 10,677 | 38,439 | 4983,668 | -0,135 | 47,69 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 156,895 |
| 170,50 | 10,664 | 38,390 | 4984,735 | -0,135 | 47,57 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 156,778 |
| 170,60 | 10,650 | 38,341 | 4985,800 | -0,135 | 47,45 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 156,661 |
| 170,70 | 10,637 | 38,293 | 4986,865 | -0,135 | 47,33 | 900 | 0,00 | 0 | -0,0042 | 1,030 | 156,544 |
| 170,80 | 10,623 | 38,244 | 4987,928 | -0,135 | 47,21 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 156,428 |
| 170,90 | 10,610 | 38,196 | 4988,989 | -0,135 | 47,09 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 156,312 |
| 171,00 | 10,596 | 38,147 | 4990,050 | -0,135 | 46,97 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 156,196 |
| 171,10 | 10,583 | 38,099 | 4991,109 | -0,135 | 46,85 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 156,080 |
| 171,20 | 10,570 | 38,050 | 4992,166 | -0,134 | 46,73 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,964 |
| 171,30 | 10,556 | 38,002 | 4993,223 | -0,134 | 46,61 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,849 |
| 171,40 | 10,543 | 37,953 | 4994,277 | -0,134 | 46,49 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,734 |
| 171,50 | 10,529 | 37,905 | 4995,331 | -0,134 | 46,38 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,619 |
| 171,60 | 10,516 | 37,857 | 4996,383 | -0,134 | 46,26 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,504 |
| 171,70 | 10,502 | 37,809 | 4997,434 | -0,134 | 46,14 | 900 | 0,00 | 0 | -0,0041 | 1,030 | 155,390 |
| 171,80 | 10,489 | 37,760 | 4998,484 | -0,134 | 46,02 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 155,276 |
| 171,90 | 10,476 | 37,712 | 4999,532 | -0,134 | 45,90 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 155,162 |
| 172,00 | 10,462 | 37,664 | 5000,579 | -0,134 | 45,79 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 155,048 |
| 172,10 | 10,449 | 37,616 | 5001,624 | -0,134 | 45,67 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,934 |
| 172,20 | 10,436 | 37,568 | 5002,669 | -0,133 | 45,55 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,821 |
| 172,30 | 10,422 | 37,520 | 5003,712 | -0,133 | 45,44 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,708 |
| 172,40 | 10,409 | 37,472 | 5004,753 | -0,133 | 45,32 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,595 |
| 172,50 | 10,395 | 37,424 | 5005,793 | -0,133 | 45,21 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,483 |
| 172,60 | 10,382 | 37,376 | 5006,832 | -0,133 | 45,09 | 900 | 0,00 | 0 | -0,0040 | 1,030 | 154,370 |
| 172,70 | 10,369 | 37,328 | 5007,870 | -0,133 | 44,97 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 154,258 |
| 172,80 | 10,356 | 37,280 | 5008,906 | -0,133 | 44,86 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 154,146 |
| 172,90 | 10,342 | 37,232 | 5009,941 | -0,133 | 44,74 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 154,034 |
| 173,00 | 10,329 | 37,184 | 5010,974 | -0,133 | 44,63 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,923 |
| 173,10 | 10,316 | 37,137 | 5012,007 | -0,133 | 44,51 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,812 |
| 173,20 | 10,302 | 37,089 | 5013,038 | -0,133 | 44,40 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,701 |
| 173,30 | 10,289 | 37,041 | 5014,067 | -0,132 | 44,29 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,590 |
| 173,40 | 10,276 | 36,994 | 5015,095 | -0,132 | 44,17 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,479 |
| 173,50 | 10,263 | 36,946 | 5016,122 | -0,132 | 44,06 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,369 |
| 173,60 | 10,250 | 36,898 | 5017,148 | -0,132 | 43,94 | 900 | 0,00 | 0 | -0,0039 | 1,030 | 153,259 |
| 173,70 | 10,236 | 36,851 | 5018,172 | -0,132 | 43,83 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 153,149 |
| 173,80 | 10,223 | 36,803 | 5019,195 | -0,132 | 43,72 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 153,039 |
| 173,90 | 10,210 | 36,756 | 5020,217 | -0,132 | 43,61 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,930 |
| 174,00 | 10,197 | 36,708 | 5021,237 | -0,132 | 43,49 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,820 |
| 174,10 | 10,184 | 36,661 | 5022,256 | -0,132 | 43,38 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,711 |
| 174,20 | 10,170 | 36,613 | 5023,274 | -0,132 | 43,27 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,603 |
| 174,30 | 10,157 | 36,566 | 5024,290 | -0,131 | 43,16 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,494 |
| 174,40 | 10,144 | 36,519 | 5025,305 | -0,131 | 43,05 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,386 |
| 174,50 | 10,131 | 36,471 | 5026,319 | -0,131 | 42,93 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,277 |
| 174,60 | 10,118 | 36,424 | 5027,332 | -0,131 | 42,82 | 900 | 0,00 | 0 | -0,0038 | 1,030 | 152,169 |
| 174,70 | 10,105 | 36,377 | 5028,343 | -0,131 | 42,71 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 152,062 |
| 174,80 | 10,092 | 36,330 | 5029,353 | -0,131 | 42,60 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,954 |
| 174,90 | 10,079 | 36,283 | 5030,361 | -0,131 | 42,49 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,847 |
| 175,00 | 10,065 | 36,235 | 5031,368 | -0,131 | 42,38 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,740 |
| 175,10 | 10,052 | 36,188 | 5032,374 | -0,131 | 42,27 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,633 |
| 175,20 | 10,039 | 36,141 | 5033,379 | -0,131 | 42,16 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,526 |
| 175,30 | 10,026 | 36,094 | 5034,382 | -0,131 | 42,05 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,420 |
| 175,40 | 10,013 | 36,047 | 5035,384 | -0,130 | 41,94 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,314 |
| 175,50 | 10,000 | 36,000 | 5036,385 | -0,130 | 41,83 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,208 |
| 175,60 | 9,987 | 35,953 | 5037,384 | -0,130 | 41,72 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 151,102 |
| 175,70 | 9,974 | 35,907 | 5038,382 | -0,130 | 41,61 | 900 | 0,00 | 0 | -0,0037 | 1,030 | 150,996 |
| 175,80 | 9,961 | 35,860 | 5039,379 | -0,130 | 41,51 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,891 |
| 175,90 | 9,948 | 35,813 | 5040,374 | -0,130 | 41,40 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,786 |
| 176,00 | 9,935 | 35,766 | 5041,368 | -0,130 | 41,29 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,681 |
| 176,10 | 9,922 | 35,719 | 5042,361 | -0,130 | 41,18 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,576 |
| 176,20 | 9,909 | 35,673 | 5043,353 | -0,130 | 41,07 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,471 |
| 176,30 | 9,896 | 35,626 | 5044,343 | -0,130 | 40,97 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,367 |
| 176,40 | 9,883 | 35,579 | 5045,332 | -0,130 | 40,86 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,263 |
| 176,50 | 9,870 | 35,533 | 5046,320 | -0,129 | 40,75 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,159 |
| 176,60 | 9,857 | 35,486 | 5047,306 | -0,129 | 40,64 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 150,055 |
| 176,70 | 9,844 | 35,439 | 5048,291 | -0,129 | 40,54 | 900 | 0,00 | 0 | -0,0036 | 1,030 | 149,952 |
| 176,80 | 9,831 | 35,393 | 5049,275 | -0,129 | 40,43 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,848 |
| 176,90 | 9,818 | 35,346 | 5050,257 | -0,129 | 40,33 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,745 |
| 177,00 | 9,806 | 35,300 | 5051,239 | -0,129 | 40,22 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,642 |
| 177,10 | 9,793 | 35,253 | 5052,218 | -0,129 | 40,11 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,540 |
| 177,20 | 9,780 | 35,207 | 5053,197 | -0,129 | 40,01 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,437 |
| 177,30 | 9,767 | 35,161 | 5054,174 | -0,129 | 39,90 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,335 |
| 177,40 | 9,754 | 35,114 | 5055,150 | -0,129 | 39,80 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,233 |
| 177,50 | 9,741 | 35,068 | 5056,125 | -0,129 | 39,69 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,131 |
| 177,60 | 9,728 | 35,022 | 5057,099 | -0,128 | 39,59 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 149,029 |
| 177,70 | 9,715 | 34,975 | 5058,071 | -0,128 | 39,48 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 148,928 |
| 177,80 | 9,703 | 34,929 | 5059,042 | -0,128 | 39,38 | 900 | 0,00 | 0 | -0,0035 | 1,030 | 148,827 |
| 177,90 | 9,690 | 34,883 | 5060,011 | -0,128 | 39,28 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,726 |
| 178,00 | 9,677 | 34,837 | 5060,980 | -0,128 | 39,17 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,625 |
| 178,10 | 9,664 | 34,791 | 5061,947 | -0,128 | 39,07 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,524 |
| 178,20 | 9,651 | 34,745 | 5062,913 | -0,128 | 38,96 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,424 |
| 178,30 | 9,639 | 34,699 | 5063,877 | -0,128 | 38,86 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,324 |
| 178,40 | 9,626 | 34,653 | 5064,840 | -0,128 | 38,76 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,223 |
| 178,50 | 9,613 | 34,607 | 5065,802 | -0,128 | 38,66 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,124 |
| 178,60 | 9,600 | 34,561 | 5066,763 | -0,128 | 38,55 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 148,024 |
| 178,70 | 9,587 | 34,515 | 5067,722 | -0,128 | 38,45 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 147,925 |
| 178,80 | 9,575 | 34,469 | 5068,680 | -0,127 | 38,35 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 147,825 |
| 178,90 | 9,562 | 34,423 | 5069,637 | -0,127 | 38,25 | 900 | 0,00 | 0 | -0,0034 | 1,030 | 147,726 |
| 179,00 | 9,549 | 34,377 | 5070,593 | -0,127 | 38,14 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,627 |
| 179,10 | 9,536 | 34,331 | 5071,547 | -0,127 | 38,04 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,529 |
| 179,20 | 9,524 | 34,285 | 5072,500 | -0,127 | 37,94 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,430 |
| 179,30 | 9,511 | 34,240 | 5073,452 | -0,127 | 37,84 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,332 |
| 179,40 | 9,498 | 34,194 | 5074,402 | -0,127 | 37,74 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,234 |
| 179,50 | 9,486 | 34,148 | 5075,351 | -0,127 | 37,64 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,136 |
| 179,60 | 9,473 | 34,103 | 5076,299 | -0,127 | 37,54 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 147,039 |
| 179,70 | 9,460 | 34,057 | 5077,246 | -0,127 | 37,44 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 146,941 |
| 179,80 | 9,448 | 34,011 | 5078,191 | -0,127 | 37,34 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 146,844 |
| 179,90 | 9,435 | 33,966 | 5079,135 | -0,127 | 37,24 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 146,747 |
| 180,00 | 9,422 | 33,920 | 5080,078 | -0,126 | 37,14 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 146,650 |
| 180,10 | 9,410 | 33,875 | 5081,020 | -0,126 | 37,04 | 900 | 0,00 | 0 | -0,0033 | 1,030 | 146,553 |
| 180,20 | 9,397 | 33,829 | 5081,960 | -0,126 | 36,94 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 146,457 |
| 180,30 | 9,384 | 33,784 | 5082,899 | -0,126 | 36,84 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 146,360 |
| 180,40 | 9,372 | 33,738 | 5083,837 | -0,126 | 36,74 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 146,264 |
| 180,50 | 9,359 | 33,693 | 5084,774 | -0,126 | 36,64 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 146,168 |
| 180,60 | 9,347 | 33,648 | 5085,709 | -0,126 | 36,54 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 146,073 |
| 180,70 | 9,334 | 33,602 | 5086,643 | -0,126 | 36,44 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,977 |
| 180,80 | 9,321 | 33,557 | 5087,576 | -0,126 | 36,35 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,882 |
| 180,90 | 9,309 | 33,512 | 5088,507 | -0,126 | 36,25 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,787 |
| 181,00 | 9,296 | 33,466 | 5089,438 | -0,126 | 36,15 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,692 |
| 181,10 | 9,284 | 33,421 | 5090,367 | -0,126 | 36,05 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,597 |
| 181,20 | 9,271 | 33,376 | 5091,294 | -0,125 | 35,96 | 900 | 0,00 | 0 | -0,0032 | 1,030 | 145,502 |
| 181,30 | 9,259 | 33,331 | 5092,221 | -0,125 | 35,86 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 145,408 |
| 181,40 | 9,246 | 33,286 | 5093,146 | -0,125 | 35,76 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 145,314 |
| 181,50 | 9,234 | 33,241 | 5094,070 | -0,125 | 35,66 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 145,220 |
| 181,60 | 9,221 | 33,196 | 5094,993 | -0,125 | 35,57 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 145,126 |
| 181,70 | 9,209 | 33,151 | 5095,914 | -0,125 | 35,47 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 145,032 |
| 181,80 | 9,196 | 33,106 | 5096,834 | -0,125 | 35,37 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,939 |
| 181,90 | 9,184 | 33,061 | 5097,753 | -0,125 | 35,28 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,845 |
| 182,00 | 9,171 | 33,016 | 5098,671 | -0,125 | 35,18 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,752 |
| 182,10 | 9,159 | 32,971 | 5099,588 | -0,125 | 35,09 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,659 |
| 182,20 | 9,146 | 32,926 | 5100,503 | -0,125 | 34,99 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,567 |
| 182,30 | 9,134 | 32,881 | 5101,417 | -0,125 | 34,90 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,474 |
| 182,40 | 9,121 | 32,836 | 5102,330 | -0,124 | 34,80 | 900 | 0,00 | 0 | -0,0031 | 1,030 | 144,382 |
| 182,50 | 9,109 | 32,791 | 5103,241 | -0,124 | 34,71 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 144,290 |
| 182,60 | 9,096 | 32,747 | 5104,151 | -0,124 | 34,61 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 144,198 |
| 182,70 | 9,084 | 32,702 | 5105,060 | -0,124 | 34,52 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 144,106 |
| 182,80 | 9,071 | 32,657 | 5105,968 | -0,124 | 34,42 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 144,014 |
| 182,90 | 9,059 | 32,612 | 5106,875 | -0,124 | 34,33 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,923 |
| 183,00 | 9,047 | 32,568 | 5107,780 | -0,124 | 34,23 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,832 |
| 183,10 | 9,034 | 32,523 | 5108,684 | -0,124 | 34,14 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,741 |
| 183,20 | 9,022 | 32,478 | 5109,587 | -0,124 | 34,05 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,650 |
| 183,30 | 9,009 | 32,434 | 5110,488 | -0,124 | 33,95 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,559 |
| 183,40 | 8,997 | 32,389 | 5111,389 | -0,124 | 33,86 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,469 |
| 183,50 | 8,985 | 32,345 | 5112,288 | -0,124 | 33,77 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,378 |
| 183,60 | 8,972 | 32,300 | 5113,186 | -0,124 | 33,67 | 900 | 0,00 | 0 | -0,0030 | 1,030 | 143,288 |
| 183,70 | 8,960 | 32,256 | 5114,082 | -0,123 | 33,58 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 143,198 |
| 183,80 | 8,948 | 32,211 | 5114,978 | -0,123 | 33,49 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 143,108 |
| 183,90 | 8,935 | 32,167 | 5115,872 | -0,123 | 33,40 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 143,019 |
| 184,00 | 8,923 | 32,123 | 5116,765 | -0,123 | 33,31 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,929 |
| 184,10 | 8,911 | 32,078 | 5117,656 | -0,123 | 33,21 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,840 |
| 184,20 | 8,898 | 32,034 | 5118,547 | -0,123 | 33,12 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,751 |
| 184,30 | 8,886 | 31,990 | 5119,436 | -0,123 | 33,03 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,662 |
| 184,40 | 8,874 | 31,945 | 5120,324 | -0,123 | 32,94 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,574 |
| 184,50 | 8,861 | 31,901 | 5121,211 | -0,123 | 32,85 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,485 |
| 184,60 | 8,849 | 31,857 | 5122,096 | -0,123 | 32,76 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,397 |
| 184,70 | 8,837 | 31,813 | 5122,980 | -0,123 | 32,67 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,309 |
| 184,80 | 8,825 | 31,769 | 5123,864 | -0,123 | 32,58 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,221 |
| 184,90 | 8,812 | 31,724 | 5124,745 | -0,123 | 32,48 | 900 | 0,00 | 0 | -0,0029 | 1,030 | 142,133 |
| 185,00 | 8,800 | 31,680 | 5125,626 | -0,122 | 32,39 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 142,045 |
| 185,10 | 8,788 | 31,636 | 5126,505 | -0,122 | 32,30 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,958 |
| 185,20 | 8,776 | 31,592 | 5127,384 | -0,122 | 32,21 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,870 |
| 185,30 | 8,763 | 31,548 | 5128,261 | -0,122 | 32,12 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,783 |
| 185,40 | 8,751 | 31,504 | 5129,136 | -0,122 | 32,04 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,696 |
| 185,50 | 8,739 | 31,460 | 5130,011 | -0,122 | 31,95 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,609 |
| 185,60 | 8,727 | 31,416 | 5130,884 | -0,122 | 31,86 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,523 |
| 185,70 | 8,715 | 31,372 | 5131,756 | -0,122 | 31,77 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,436 |
| 185,80 | 8,702 | 31,328 | 5132,627 | -0,122 | 31,68 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,350 |
| 185,90 | 8,690 | 31,285 | 5133,497 | -0,122 | 31,59 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,264 |
| 186,00 | 8,678 | 31,241 | 5134,365 | -0,122 | 31,50 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,178 |
| 186,10 | 8,666 | 31,197 | 5135,232 | -0,122 | 31,41 | 900 | 0,00 | 0 | -0,0028 | 1,030 | 141,093 |
| 186,20 | 8,654 | 31,153 | 5136,098 | -0,122 | 31,33 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 141,007 |
| 186,30 | 8,641 | 31,109 | 5136,963 | -0,121 | 31,24 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,922 |
| 186,40 | 8,629 | 31,066 | 5137,826 | -0,121 | 31,15 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,836 |
| 186,50 | 8,617 | 31,022 | 5138,689 | -0,121 | 31,06 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,751 |
| 186,60 | 8,605 | 30,978 | 5139,550 | -0,121 | 30,97 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,666 |
| 186,70 | 8,593 | 30,935 | 5140,410 | -0,121 | 30,89 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,582 |
| 186,80 | 8,581 | 30,891 | 5141,268 | -0,121 | 30,80 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,497 |
| 186,90 | 8,569 | 30,847 | 5142,126 | -0,121 | 30,71 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,413 |
| 187,00 | 8,557 | 30,804 | 5142,982 | -0,121 | 30,63 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,329 |
| 187,10 | 8,544 | 30,760 | 5143,837 | -0,121 | 30,54 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,245 |
| 187,20 | 8,532 | 30,717 | 5144,691 | -0,121 | 30,45 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,161 |
| 187,30 | 8,520 | 30,673 | 5145,544 | -0,121 | 30,37 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 140,077 |
| 187,40 | 8,508 | 30,630 | 5146,395 | -0,121 | 30,28 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 139,994 |
| 187,50 | 8,496 | 30,586 | 5147,245 | -0,121 | 30,20 | 900 | 0,00 | 0 | -0,0027 | 1,030 | 139,910 |
| 187,60 | 8,484 | 30,543 | 5148,094 | -0,121 | 30,11 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,827 |
| 187,70 | 8,472 | 30,499 | 5148,942 | -0,120 | 30,02 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,744 |
| 187,80 | 8,460 | 30,456 | 5149,789 | -0,120 | 29,94 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,661 |
| 187,90 | 8,448 | 30,413 | 5150,634 | -0,120 | 29,85 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,579 |
| 188,00 | 8,436 | 30,369 | 5151,478 | -0,120 | 29,77 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,496 |
| 188,10 | 8,424 | 30,326 | 5152,321 | -0,120 | 29,68 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,414 |
| 188,20 | 8,412 | 30,283 | 5153,163 | -0,120 | 29,60 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,332 |
| 188,30 | 8,400 | 30,240 | 5154,004 | -0,120 | 29,52 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,250 |
| 188,40 | 8,388 | 30,196 | 5154,843 | -0,120 | 29,43 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,168 |
| 188,50 | 8,376 | 30,153 | 5155,681 | -0,120 | 29,35 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,086 |
| 188,60 | 8,364 | 30,110 | 5156,518 | -0,120 | 29,26 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 139,005 |
| 188,70 | 8,352 | 30,067 | 5157,354 | -0,120 | 29,18 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 138,923 |
| 188,80 | 8,340 | 30,024 | 5158,189 | -0,120 | 29,10 | 900 | 0,00 | 0 | -0,0026 | 1,030 | 138,842 |
| 188,90 | 8,328 | 29,981 | 5159,022 | -0,120 | 29,01 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,761 |
| 189,00 | 8,316 | 29,938 | 5159,854 | -0,120 | 28,93 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,680 |
| 189,10 | 8,304 | 29,895 | 5160,685 | -0,119 | 28,85 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,599 |
| 189,20 | 8,292 | 29,852 | 5161,515 | -0,119 | 28,76 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,519 |
| 189,30 | 8,280 | 29,809 | 5162,344 | -0,119 | 28,68 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,439 |
| 189,40 | 8,268 | 29,766 | 5163,171 | -0,119 | 28,60 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,358 |
| 189,50 | 8,256 | 29,723 | 5163,997 | -0,119 | 28,51 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,278 |
| 189,60 | 8,244 | 29,680 | 5164,822 | -0,119 | 28,43 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,198 |
| 189,70 | 8,232 | 29,637 | 5165,646 | -0,119 | 28,35 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,119 |
| 189,80 | 8,221 | 29,594 | 5166,469 | -0,119 | 28,27 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 138,039 |
| 189,90 | 8,209 | 29,551 | 5167,290 | -0,119 | 28,19 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 137,960 |
| 190,00 | 8,197 | 29,508 | 5168,111 | -0,119 | 28,10 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 137,880 |
| 190,10 | 8,185 | 29,466 | 5168,930 | -0,119 | 28,02 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 137,801 |
| 190,20 | 8,173 | 29,423 | 5169,748 | -0,119 | 27,94 | 900 | 0,00 | 0 | -0,0025 | 1,030 | 137,722 |
| 190,30 | 8,161 | 29,380 | 5170,564 | -0,119 | 27,86 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,644 |
| 190,40 | 8,149 | 29,337 | 5171,380 | -0,119 | 27,78 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,565 |
| 190,50 | 8,137 | 29,295 | 5172,194 | -0,119 | 27,70 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,487 |
| 190,60 | 8,126 | 29,252 | 5173,007 | -0,118 | 27,62 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,408 |
| 190,70 | 8,114 | 29,209 | 5173,819 | -0,118 | 27,54 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,330 |
| 190,80 | 8,102 | 29,167 | 5174,630 | -0,118 | 27,46 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,252 |
| 190,90 | 8,090 | 29,124 | 5175,440 | -0,118 | 27,38 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,174 |
| 191,00 | 8,078 | 29,082 | 5176,248 | -0,118 | 27,30 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,097 |
| 191,10 | 8,066 | 29,039 | 5177,055 | -0,118 | 27,22 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 137,019 |
| 191,20 | 8,055 | 28,996 | 5177,861 | -0,118 | 27,14 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 136,942 |
| 191,30 | 8,043 | 28,954 | 5178,666 | -0,118 | 27,06 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 136,865 |
| 191,40 | 8,031 | 28,911 | 5179,470 | -0,118 | 26,98 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 136,788 |
| 191,50 | 8,019 | 28,869 | 5180,272 | -0,118 | 26,90 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 136,711 |
| 191,60 | 8,007 | 28,827 | 5181,074 | -0,118 | 26,82 | 900 | 0,00 | 0 | -0,0024 | 1,030 | 136,634 |
| 191,70 | 7,996 | 28,784 | 5181,874 | -0,118 | 26,74 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,558 |
| 191,80 | 7,984 | 28,742 | 5182,673 | -0,118 | 26,66 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,481 |
| 191,90 | 7,972 | 28,699 | 5183,471 | -0,118 | 26,59 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,405 |
| 192,00 | 7,960 | 28,657 | 5184,267 | -0,118 | 26,51 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,329 |
| 192,10 | 7,949 | 28,615 | 5185,063 | -0,117 | 26,43 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,253 |
| 192,20 | 7,937 | 28,573 | 5185,857 | -0,117 | 26,35 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,177 |
| 192,30 | 7,925 | 28,530 | 5186,650 | -0,117 | 26,27 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,102 |
| 192,40 | 7,913 | 28,488 | 5187,442 | -0,117 | 26,19 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 136,026 |
| 192,50 | 7,902 | 28,446 | 5188,233 | -0,117 | 26,12 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,951 |
| 192,60 | 7,890 | 28,404 | 5189,022 | -0,117 | 26,04 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,876 |
| 192,70 | 7,878 | 28,361 | 5189,811 | -0,117 | 25,96 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,801 |
| 192,80 | 7,866 | 28,319 | 5190,598 | -0,117 | 25,89 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,726 |
| 192,90 | 7,855 | 28,277 | 5191,384 | -0,117 | 25,81 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,651 |
| 193,00 | 7,843 | 28,235 | 5192,169 | -0,117 | 25,73 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,577 |
| 193,10 | 7,831 | 28,193 | 5192,953 | -0,117 | 25,66 | 900 | 0,00 | 0 | -0,0023 | 1,030 | 135,502 |
| 193,20 | 7,820 | 28,151 | 5193,735 | -0,117 | 25,58 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,428 |
| 193,30 | 7,808 | 28,109 | 5194,517 | -0,117 | 25,50 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,354 |
| 193,40 | 7,796 | 28,067 | 5195,297 | -0,117 | 25,43 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,280 |
| 193,50 | 7,785 | 28,025 | 5196,076 | -0,117 | 25,35 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,206 |
| 193,60 | 7,773 | 27,983 | 5196,854 | -0,116 | 25,27 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,132 |
| 193,70 | 7,761 | 27,941 | 5197,630 | -0,116 | 25,20 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 135,059 |
| 193,80 | 7,750 | 27,899 | 5198,406 | -0,116 | 25,12 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,986 |
| 193,90 | 7,738 | 27,857 | 5199,180 | -0,116 | 25,05 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,912 |
| 194,00 | 7,726 | 27,815 | 5199,954 | -0,116 | 24,97 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,839 |
| 194,10 | 7,715 | 27,774 | 5200,726 | -0,116 | 24,90 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,766 |
| 194,20 | 7,703 | 27,732 | 5201,497 | -0,116 | 24,82 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,694 |
| 194,30 | 7,692 | 27,690 | 5202,266 | -0,116 | 24,75 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,621 |
| 194,40 | 7,680 | 27,648 | 5203,035 | -0,116 | 24,67 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,549 |
| 194,50 | 7,668 | 27,606 | 5203,802 | -0,116 | 24,60 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,476 |
| 194,60 | 7,657 | 27,565 | 5204,569 | -0,116 | 24,52 | 900 | 0,00 | 0 | -0,0022 | 1,030 | 134,404 |
| 194,70 | 7,645 | 27,523 | 5205,334 | -0,116 | 24,45 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 134,332 |
| 194,80 | 7,634 | 27,481 | 5206,098 | -0,116 | 24,38 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 134,260 |
| 194,90 | 7,622 | 27,440 | 5206,860 | -0,116 | 24,30 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 134,189 |
| 195,00 | 7,611 | 27,398 | 5207,622 | -0,116 | 24,23 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 134,117 |
| 195,10 | 7,599 | 27,356 | 5208,383 | -0,116 | 24,15 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 134,046 |
| 195,20 | 7,587 | 27,315 | 5209,142 | -0,115 | 24,08 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,974 |
| 195,30 | 7,576 | 27,273 | 5209,900 | -0,115 | 24,01 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,903 |
| 195,40 | 7,564 | 27,232 | 5210,657 | -0,115 | 23,94 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,832 |
| 195,50 | 7,553 | 27,190 | 5211,413 | -0,115 | 23,86 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,761 |
| 195,60 | 7,541 | 27,149 | 5212,168 | -0,115 | 23,79 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,691 |
| 195,70 | 7,530 | 27,107 | 5212,921 | -0,115 | 23,72 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,620 |
| 195,80 | 7,518 | 27,066 | 5213,674 | -0,115 | 23,64 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,550 |
| 195,90 | 7,507 | 27,024 | 5214,425 | -0,115 | 23,57 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,480 |
| 196,00 | 7,495 | 26,983 | 5215,175 | -0,115 | 23,50 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,409 |
| 196,10 | 7,484 | 26,941 | 5215,924 | -0,115 | 23,43 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,339 |
| 196,20 | 7,472 | 26,900 | 5216,672 | -0,115 | 23,36 | 900 | 0,00 | 0 | -0,0021 | 1,030 | 133,270 |
| 196,30 | 7,461 | 26,859 | 5217,418 | -0,115 | 23,28 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 133,200 |
| 196,40 | 7,449 | 26,817 | 5218,164 | -0,115 | 23,21 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 133,130 |
| 196,50 | 7,438 | 26,776 | 5218,908 | -0,115 | 23,14 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 133,061 |
| 196,60 | 7,426 | 26,735 | 5219,651 | -0,115 | 23,07 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,992 |
| 196,70 | 7,415 | 26,693 | 5220,393 | -0,115 | 23,00 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,923 |
| 196,80 | 7,403 | 26,652 | 5221,134 | -0,115 | 22,93 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,854 |
| 196,90 | 7,392 | 26,611 | 5221,874 | -0,114 | 22,86 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,785 |
| 197,00 | 7,380 | 26,570 | 5222,613 | -0,114 | 22,79 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,716 |
| 197,10 | 7,369 | 26,528 | 5223,350 | -0,114 | 22,72 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,648 |
| 197,20 | 7,358 | 26,487 | 5224,087 | -0,114 | 22,64 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,579 |
| 197,30 | 7,346 | 26,446 | 5224,822 | -0,114 | 22,57 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,511 |
| 197,40 | 7,335 | 26,405 | 5225,556 | -0,114 | 22,50 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,443 |
| 197,50 | 7,323 | 26,364 | 5226,289 | -0,114 | 22,43 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,375 |
| 197,60 | 7,312 | 26,323 | 5227,020 | -0,114 | 22,36 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,307 |
| 197,70 | 7,300 | 26,282 | 5227,751 | -0,114 | 22,29 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,239 |
| 197,80 | 7,289 | 26,241 | 5228,480 | -0,114 | 22,23 | 900 | 0,00 | 0 | -0,0020 | 1,030 | 132,172 |
| 197,90 | 7,278 | 26,200 | 5229,209 | -0,114 | 22,16 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 132,105 |
| 198,00 | 7,266 | 26,159 | 5229,936 | -0,114 | 22,09 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 132,037 |
| 198,10 | 7,255 | 26,118 | 5230,662 | -0,114 | 22,02 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,970 |
| 198,20 | 7,244 | 26,077 | 5231,387 | -0,114 | 21,95 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,903 |
| 198,30 | 7,232 | 26,036 | 5232,111 | -0,114 | 21,88 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,836 |
| 198,40 | 7,221 | 25,995 | 5232,833 | -0,114 | 21,81 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,770 |
| 198,50 | 7,209 | 25,954 | 5233,555 | -0,114 | 21,74 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,703 |
| 198,60 | 7,198 | 25,913 | 5234,275 | -0,113 | 21,67 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,637 |
| 198,70 | 7,187 | 25,872 | 5234,995 | -0,113 | 21,61 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,570 |
| 198,80 | 7,175 | 25,831 | 5235,713 | -0,113 | 21,54 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,504 |
| 198,90 | 7,164 | 25,791 | 5236,430 | -0,113 | 21,47 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,438 |
| 199,00 | 7,153 | 25,750 | 5237,146 | -0,113 | 21,40 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,372 |
| 199,10 | 7,141 | 25,709 | 5237,860 | -0,113 | 21,33 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,306 |
| 199,20 | 7,130 | 25,668 | 5238,574 | -0,113 | 21,27 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,241 |
| 199,30 | 7,119 | 25,628 | 5239,286 | -0,113 | 21,20 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,175 |
| 199,40 | 7,107 | 25,587 | 5239,998 | -0,113 | 21,13 | 900 | 0,00 | 0 | -0,0019 | 1,030 | 131,110 |
| 199,50 | 7,096 | 25,546 | 5240,708 | -0,113 | 21,06 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 131,045 |
| 199,60 | 7,085 | 25,506 | 5241,417 | -0,113 | 21,00 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,980 |
| 199,70 | 7,074 | 25,465 | 5242,125 | -0,113 | 20,93 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,915 |
| 199,80 | 7,062 | 25,424 | 5242,832 | -0,113 | 20,86 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,850 |
| 199,90 | 7,051 | 25,384 | 5243,537 | -0,113 | 20,80 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,785 |
| 200,00 | 7,040 | 25,343 | 5244,242 | -0,113 | 20,73 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,721 |
| 200,10 | 7,028 | 25,303 | 5244,945 | -0,113 | 20,66 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,657 |
| 200,20 | 7,017 | 25,262 | 5245,647 | -0,113 | 20,60 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,592 |
| 200,30 | 7,006 | 25,221 | 5246,349 | -0,113 | 20,53 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,528 |
| 200,40 | 6,995 | 25,181 | 5247,049 | -0,112 | 20,47 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,464 |
| 200,50 | 6,983 | 25,140 | 5247,748 | -0,112 | 20,40 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,400 |
| 200,60 | 6,972 | 25,100 | 5248,445 | -0,112 | 20,33 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,337 |
| 200,70 | 6,961 | 25,060 | 5249,142 | -0,112 | 20,27 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,273 |
| 200,80 | 6,950 | 25,019 | 5249,837 | -0,112 | 20,20 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,210 |
| 200,90 | 6,939 | 24,979 | 5250,532 | -0,112 | 20,14 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,146 |
| 201,00 | 6,927 | 24,938 | 5251,225 | -0,112 | 20,07 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,083 |
| 201,10 | 6,916 | 24,898 | 5251,917 | -0,112 | 20,01 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 130,020 |
| 201,20 | 6,905 | 24,858 | 5252,608 | -0,112 | 19,94 | 900 | 0,00 | 0 | -0,0018 | 1,030 | 129,957 |
| 201,30 | 6,894 | 24,817 | 5253,298 | -0,112 | 19,88 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,894 |
| 201,40 | 6,882 | 24,777 | 5253,987 | -0,112 | 19,81 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,832 |
| 201,50 | 6,871 | 24,737 | 5254,675 | -0,112 | 19,75 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,769 |
| 201,60 | 6,860 | 24,696 | 5255,361 | -0,112 | 19,69 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,707 |
| 201,70 | 6,849 | 24,656 | 5256,047 | -0,112 | 19,62 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,645 |
| 201,80 | 6,838 | 24,616 | 5256,731 | -0,112 | 19,56 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,582 |
| 201,90 | 6,827 | 24,576 | 5257,414 | -0,112 | 19,49 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,520 |
| 202,00 | 6,815 | 24,535 | 5258,096 | -0,112 | 19,43 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,459 |
| 202,10 | 6,804 | 24,495 | 5258,777 | -0,112 | 19,37 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,397 |
| 202,20 | 6,793 | 24,455 | 5259,457 | -0,111 | 19,30 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,335 |
| 202,30 | 6,782 | 24,415 | 5260,136 | -0,111 | 19,24 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,274 |
| 202,40 | 6,771 | 24,375 | 5260,814 | -0,111 | 19,18 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,212 |
| 202,50 | 6,760 | 24,335 | 5261,490 | -0,111 | 19,11 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,151 |
| 202,60 | 6,749 | 24,295 | 5262,166 | -0,111 | 19,05 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,090 |
| 202,70 | 6,737 | 24,255 | 5262,840 | -0,111 | 18,99 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 129,029 |
| 202,80 | 6,726 | 24,215 | 5263,513 | -0,111 | 18,93 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 128,968 |
| 202,90 | 6,715 | 24,175 | 5264,185 | -0,111 | 18,86 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 128,908 |
| 203,00 | 6,704 | 24,135 | 5264,856 | -0,111 | 18,80 | 900 | 0,00 | 0 | -0,0017 | 1,030 | 128,847 |
| 203,10 | 6,693 | 24,095 | 5265,526 | -0,111 | 18,74 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,787 |
| 203,20 | 6,682 | 24,055 | 5266,195 | -0,111 | 18,68 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,726 |
| 203,30 | 6,671 | 24,015 | 5266,862 | -0,111 | 18,61 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,666 |
| 203,40 | 6,660 | 23,975 | 5267,529 | -0,111 | 18,55 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,606 |
| 203,50 | 6,649 | 23,935 | 5268,194 | -0,111 | 18,49 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,546 |
| 203,60 | 6,637 | 23,895 | 5268,859 | -0,111 | 18,43 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,486 |
| 203,70 | 6,626 | 23,855 | 5269,522 | -0,111 | 18,37 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,427 |
| 203,80 | 6,615 | 23,815 | 5270,184 | -0,111 | 18,31 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,367 |
| 203,90 | 6,604 | 23,775 | 5270,845 | -0,111 | 18,25 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,308 |
| 204,00 | 6,593 | 23,736 | 5271,505 | -0,111 | 18,18 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,249 |
| 204,10 | 6,582 | 23,696 | 5272,164 | -0,111 | 18,12 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,189 |
| 204,20 | 6,571 | 23,656 | 5272,821 | -0,110 | 18,06 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,130 |
| 204,30 | 6,560 | 23,616 | 5273,478 | -0,110 | 18,00 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,071 |
| 204,40 | 6,549 | 23,576 | 5274,133 | -0,110 | 17,94 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 128,013 |
| 204,50 | 6,538 | 23,537 | 5274,788 | -0,110 | 17,88 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 127,954 |
| 204,60 | 6,527 | 23,497 | 5275,441 | -0,110 | 17,82 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 127,895 |
| 204,70 | 6,516 | 23,457 | 5276,093 | -0,110 | 17,76 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 127,837 |
| 204,80 | 6,505 | 23,418 | 5276,744 | -0,110 | 17,70 | 900 | 0,00 | 0 | -0,0016 | 1,030 | 127,779 |
| 204,90 | 6,494 | 23,378 | 5277,394 | -0,110 | 17,64 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,721 |
| 205,00 | 6,483 | 23,338 | 5278,043 | -0,110 | 17,58 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,663 |
| 205,10 | 6,472 | 23,299 | 5278,690 | -0,110 | 17,52 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,605 |
| 205,20 | 6,461 | 23,259 | 5279,337 | -0,110 | 17,46 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,547 |
| 205,30 | 6,450 | 23,220 | 5279,983 | -0,110 | 17,40 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,489 |
| 205,40 | 6,439 | 23,180 | 5280,627 | -0,110 | 17,34 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,432 |
| 205,50 | 6,428 | 23,140 | 5281,270 | -0,110 | 17,28 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,374 |
| 205,60 | 6,417 | 23,101 | 5281,913 | -0,110 | 17,22 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,317 |
| 205,70 | 6,406 | 23,061 | 5282,554 | -0,110 | 17,17 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,260 |
| 205,80 | 6,395 | 23,022 | 5283,194 | -0,110 | 17,11 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,203 |
| 205,90 | 6,384 | 22,982 | 5283,833 | -0,110 | 17,05 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,146 |
| 206,00 | 6,373 | 22,943 | 5284,471 | -0,110 | 16,99 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,089 |
| 206,10 | 6,362 | 22,903 | 5285,107 | -0,110 | 16,93 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 127,033 |
| 206,20 | 6,351 | 22,864 | 5285,743 | -0,109 | 16,87 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,976 |
| 206,30 | 6,340 | 22,825 | 5286,378 | -0,109 | 16,82 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,920 |
| 206,40 | 6,329 | 22,785 | 5287,011 | -0,109 | 16,76 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,863 |
| 206,50 | 6,318 | 22,746 | 5287,643 | -0,109 | 16,70 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,807 |
| 206,60 | 6,307 | 22,707 | 5288,275 | -0,109 | 16,64 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,751 |
| 206,70 | 6,296 | 22,667 | 5288,905 | -0,109 | 16,58 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,695 |
| 206,80 | 6,286 | 22,628 | 5289,534 | -0,109 | 16,53 | 900 | 0,00 | 0 | -0,0015 | 1,030 | 126,639 |
| 206,90 | 6,275 | 22,589 | 5290,162 | -0,109 | 16,47 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,584 |
| 207,00 | 6,264 | 22,549 | 5290,789 | -0,109 | 16,41 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,528 |
| 207,10 | 6,253 | 22,510 | 5291,415 | -0,109 | 16,35 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,473 |
| 207,20 | 6,242 | 22,471 | 5292,040 | -0,109 | 16,30 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,417 |
| 207,30 | 6,231 | 22,432 | 5292,663 | -0,109 | 16,24 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,362 |
| 207,40 | 6,220 | 22,392 | 5293,286 | -0,109 | 16,18 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,307 |
| 207,50 | 6,209 | 22,353 | 5293,907 | -0,109 | 16,13 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,252 |
| 207,60 | 6,198 | 22,314 | 5294,528 | -0,109 | 16,07 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,197 |
| 207,70 | 6,187 | 22,275 | 5295,147 | -0,109 | 16,01 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,142 |
| 207,80 | 6,177 | 22,236 | 5295,765 | -0,109 | 15,96 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,088 |
| 207,90 | 6,166 | 22,197 | 5296,382 | -0,109 | 15,90 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 126,033 |
| 208,00 | 6,155 | 22,157 | 5296,998 | -0,109 | 15,85 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,979 |
| 208,10 | 6,144 | 22,118 | 5297,613 | -0,109 | 15,79 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,925 |
| 208,20 | 6,133 | 22,079 | 5298,227 | -0,109 | 15,73 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,871 |
| 208,30 | 6,122 | 22,040 | 5298,840 | -0,108 | 15,68 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,817 |
| 208,40 | 6,111 | 22,001 | 5299,451 | -0,108 | 15,62 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,763 |
| 208,50 | 6,101 | 21,962 | 5300,062 | -0,108 | 15,57 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,709 |
| 208,60 | 6,090 | 21,923 | 5300,672 | -0,108 | 15,51 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,655 |
| 208,70 | 6,079 | 21,884 | 5301,280 | -0,108 | 15,46 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,602 |
| 208,80 | 6,068 | 21,845 | 5301,887 | -0,108 | 15,40 | 900 | 0,00 | 0 | -0,0014 | 1,030 | 125,548 |
| 208,90 | 6,057 | 21,806 | 5302,494 | -0,108 | 15,35 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,495 |
| 209,00 | 6,046 | 21,767 | 5303,099 | -0,108 | 15,29 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,442 |
| 209,10 | 6,036 | 21,728 | 5303,703 | -0,108 | 15,24 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,389 |
| 209,20 | 6,025 | 21,689 | 5304,306 | -0,108 | 15,18 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,336 |
| 209,30 | 6,014 | 21,650 | 5304,908 | -0,108 | 15,13 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,283 |
| 209,40 | 6,003 | 21,612 | 5305,509 | -0,108 | 15,08 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,230 |
| 209,50 | 5,992 | 21,573 | 5306,109 | -0,108 | 15,02 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,178 |
| 209,60 | 5,982 | 21,534 | 5306,707 | -0,108 | 14,97 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,125 |
| 209,70 | 5,971 | 21,495 | 5307,305 | -0,108 | 14,91 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,073 |
| 209,80 | 5,960 | 21,456 | 5307,901 | -0,108 | 14,86 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 125,021 |
| 209,90 | 5,949 | 21,417 | 5308,497 | -0,108 | 14,81 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,969 |
| 210,00 | 5,939 | 21,379 | 5309,091 | -0,108 | 14,75 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,917 |
| 210,10 | 5,928 | 21,340 | 5309,685 | -0,108 | 14,70 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,865 |
| 210,20 | 5,917 | 21,301 | 5310,277 | -0,108 | 14,65 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,813 |
| 210,30 | 5,906 | 21,262 | 5310,868 | -0,108 | 14,59 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,761 |
| 210,40 | 5,895 | 21,224 | 5311,458 | -0,108 | 14,54 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,710 |
| 210,50 | 5,885 | 21,185 | 5312,047 | -0,107 | 14,49 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,658 |
| 210,60 | 5,874 | 21,146 | 5312,635 | -0,107 | 14,43 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,607 |
| 210,70 | 5,863 | 21,108 | 5313,222 | -0,107 | 14,38 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,556 |
| 210,80 | 5,852 | 21,069 | 5313,808 | -0,107 | 14,33 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,505 |
| 210,90 | 5,842 | 21,030 | 5314,392 | -0,107 | 14,28 | 900 | 0,00 | 0 | -0,0013 | 1,030 | 124,454 |
| 211,00 | 5,831 | 20,992 | 5314,976 | -0,107 | 14,22 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,403 |
| 211,10 | 5,820 | 20,953 | 5315,559 | -0,107 | 14,17 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,352 |
| 211,20 | 5,810 | 20,914 | 5316,140 | -0,107 | 14,12 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,301 |
| 211,30 | 5,799 | 20,876 | 5316,720 | -0,107 | 14,07 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,251 |
| 211,40 | 5,788 | 20,837 | 5317,300 | -0,107 | 14,01 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,200 |
| 211,50 | 5,777 | 20,799 | 5317,878 | -0,107 | 13,96 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,150 |
| 211,60 | 5,767 | 20,760 | 5318,455 | -0,107 | 13,91 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,100 |
| 211,70 | 5,756 | 20,722 | 5319,031 | -0,107 | 13,86 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,050 |
| 211,80 | 5,745 | 20,683 | 5319,606 | -0,107 | 13,81 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 124,000 |
| 211,90 | 5,735 | 20,645 | 5320,180 | -0,107 | 13,76 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,950 |
| 212,00 | 5,724 | 20,606 | 5320,753 | -0,107 | 13,71 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,900 |
| 212,10 | 5,713 | 20,568 | 5321,325 | -0,107 | 13,65 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,851 |
| 212,20 | 5,703 | 20,529 | 5321,896 | -0,107 | 13,60 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,801 |
| 212,30 | 5,692 | 20,491 | 5322,466 | -0,107 | 13,55 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,752 |
| 212,40 | 5,681 | 20,453 | 5323,034 | -0,107 | 13,50 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,703 |
| 212,50 | 5,671 | 20,414 | 5323,602 | -0,107 | 13,45 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,653 |
| 212,60 | 5,660 | 20,376 | 5324,169 | -0,107 | 13,40 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,604 |
| 212,70 | 5,649 | 20,337 | 5324,734 | -0,107 | 13,35 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,555 |
| 212,80 | 5,639 | 20,299 | 5325,298 | -0,106 | 13,30 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,507 |
| 212,90 | 5,628 | 20,261 | 5325,862 | -0,106 | 13,25 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,458 |
| 213,00 | 5,617 | 20,222 | 5326,424 | -0,106 | 13,20 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,409 |
| 213,10 | 5,607 | 20,184 | 5326,985 | -0,106 | 13,15 | 900 | 0,00 | 0 | -0,0012 | 1,030 | 123,361 |
| 213,20 | 5,596 | 20,146 | 5327,545 | -0,106 | 13,10 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,312 |
| 213,30 | 5,585 | 20,108 | 5328,104 | -0,106 | 13,05 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,264 |
| 213,40 | 5,575 | 20,069 | 5328,662 | -0,106 | 13,00 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,216 |
| 213,50 | 5,564 | 20,031 | 5329,219 | -0,106 | 12,95 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,168 |
| 213,60 | 5,554 | 19,993 | 5329,775 | -0,106 | 12,90 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,120 |
| 213,70 | 5,543 | 19,955 | 5330,330 | -0,106 | 12,85 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,072 |
| 213,80 | 5,532 | 19,916 | 5330,884 | -0,106 | 12,80 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 123,024 |
| 213,90 | 5,522 | 19,878 | 5331,437 | -0,106 | 12,75 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,977 |
| 214,00 | 5,511 | 19,840 | 5331,988 | -0,106 | 12,71 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,929 |
| 214,10 | 5,501 | 19,802 | 5332,539 | -0,106 | 12,66 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,882 |
| 214,20 | 5,490 | 19,764 | 5333,088 | -0,106 | 12,61 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,835 |
| 214,30 | 5,479 | 19,726 | 5333,637 | -0,106 | 12,56 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,787 |
| 214,40 | 5,469 | 19,688 | 5334,184 | -0,106 | 12,51 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,740 |
| 214,50 | 5,458 | 19,650 | 5334,731 | -0,106 | 12,46 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,693 |
| 214,60 | 5,448 | 19,611 | 5335,276 | -0,106 | 12,41 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,647 |
| 214,70 | 5,437 | 19,573 | 5335,820 | -0,106 | 12,37 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,600 |
| 214,80 | 5,426 | 19,535 | 5336,363 | -0,106 | 12,32 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,553 |
| 214,90 | 5,416 | 19,497 | 5336,905 | -0,106 | 12,27 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,507 |
| 215,00 | 5,405 | 19,459 | 5337,446 | -0,106 | 12,22 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,460 |
| 215,10 | 5,395 | 19,421 | 5337,986 | -0,106 | 12,17 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,414 |
| 215,20 | 5,384 | 19,383 | 5338,525 | -0,105 | 12,13 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,368 |
| 215,30 | 5,374 | 19,345 | 5339,063 | -0,105 | 12,08 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,322 |
| 215,40 | 5,363 | 19,307 | 5339,600 | -0,105 | 12,03 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,276 |
| 215,50 | 5,353 | 19,269 | 5340,136 | -0,105 | 11,98 | 900 | 0,00 | 0 | -0,0011 | 1,030 | 122,230 |
| 215,60 | 5,342 | 19,231 | 5340,671 | -0,105 | 11,94 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 122,184 |
| 215,70 | 5,332 | 19,194 | 5341,204 | -0,105 | 11,89 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 122,138 |
| 215,80 | 5,321 | 19,156 | 5341,737 | -0,105 | 11,84 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 122,093 |
| 215,90 | 5,310 | 19,118 | 5342,269 | -0,105 | 11,80 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 122,047 |
| 216,00 | 5,300 | 19,080 | 5342,799 | -0,105 | 11,75 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 122,002 |
| 216,10 | 5,289 | 19,042 | 5343,329 | -0,105 | 11,70 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,957 |
| 216,20 | 5,279 | 19,004 | 5343,857 | -0,105 | 11,66 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,912 |
| 216,30 | 5,268 | 18,966 | 5344,384 | -0,105 | 11,61 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,867 |
| 216,40 | 5,258 | 18,929 | 5344,911 | -0,105 | 11,56 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,822 |
| 216,50 | 5,247 | 18,891 | 5345,436 | -0,105 | 11,52 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,777 |
| 216,60 | 5,237 | 18,853 | 5345,960 | -0,105 | 11,47 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,732 |
| 216,70 | 5,226 | 18,815 | 5346,483 | -0,105 | 11,43 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,688 |
| 216,80 | 5,216 | 18,777 | 5347,005 | -0,105 | 11,38 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,643 |
| 216,90 | 5,205 | 18,740 | 5347,527 | -0,105 | 11,33 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,599 |
| 217,00 | 5,195 | 18,702 | 5348,047 | -0,105 | 11,29 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,555 |
| 217,10 | 5,184 | 18,664 | 5348,566 | -0,105 | 11,24 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,510 |
| 217,20 | 5,174 | 18,626 | 5349,083 | -0,105 | 11,20 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,466 |
| 217,30 | 5,164 | 18,589 | 5349,600 | -0,105 | 11,15 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,422 |
| 217,40 | 5,153 | 18,551 | 5350,116 | -0,105 | 11,11 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,379 |
| 217,50 | 5,143 | 18,513 | 5350,631 | -0,105 | 11,06 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,335 |
| 217,60 | 5,132 | 18,476 | 5351,145 | -0,105 | 11,02 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,291 |
| 217,70 | 5,122 | 18,438 | 5351,657 | -0,105 | 10,97 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,248 |
| 217,80 | 5,111 | 18,400 | 5352,169 | -0,104 | 10,93 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,204 |
| 217,90 | 5,101 | 18,363 | 5352,680 | -0,104 | 10,88 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,161 |
| 218,00 | 5,090 | 18,325 | 5353,189 | -0,104 | 10,84 | 900 | 0,00 | 0 | -0,0010 | 1,030 | 121,118 |
| 218,10 | 5,080 | 18,288 | 5353,698 | -0,104 | 10,79 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 121,074 |
| 218,20 | 5,069 | 18,250 | 5354,205 | -0,104 | 10,75 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 121,031 |
| 218,30 | 5,059 | 18,213 | 5354,712 | -0,104 | 10,71 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,988 |
| 218,40 | 5,049 | 18,175 | 5355,217 | -0,104 | 10,66 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,946 |
| 218,50 | 5,038 | 18,137 | 5355,721 | -0,104 | 10,62 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,903 |
| 218,60 | 5,028 | 18,100 | 5356,225 | -0,104 | 10,57 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,860 |
| 218,70 | 5,017 | 18,062 | 5356,727 | -0,104 | 10,53 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,818 |
| 218,80 | 5,007 | 18,025 | 5357,228 | -0,104 | 10,49 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,775 |
| 218,90 | 4,997 | 17,987 | 5357,728 | -0,104 | 10,44 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,733 |
| 219,00 | 4,986 | 17,950 | 5358,227 | -0,104 | 10,40 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,691 |
| 219,10 | 4,976 | 17,913 | 5358,725 | -0,104 | 10,36 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,649 |
| 219,20 | 4,965 | 17,875 | 5359,223 | -0,104 | 10,31 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,607 |
| 219,30 | 4,955 | 17,838 | 5359,719 | -0,104 | 10,27 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,565 |
| 219,40 | 4,945 | 17,800 | 5360,214 | -0,104 | 10,23 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,523 |
| 219,50 | 4,934 | 17,763 | 5360,707 | -0,104 | 10,18 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,482 |
| 219,60 | 4,924 | 17,725 | 5361,200 | -0,104 | 10,14 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,440 |
| 219,70 | 4,913 | 17,688 | 5361,692 | -0,104 | 10,10 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,398 |
| 219,80 | 4,903 | 17,651 | 5362,183 | -0,104 | 10,06 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,357 |
| 219,90 | 4,893 | 17,613 | 5362,673 | -0,104 | 10,01 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,316 |
| 220,00 | 4,882 | 17,576 | 5363,162 | -0,104 | 9,97 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,275 |
| 220,10 | 4,872 | 17,539 | 5363,649 | -0,104 | 9,93 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,234 |
| 220,20 | 4,861 | 17,501 | 5364,136 | -0,104 | 9,89 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,193 |
| 220,30 | 4,851 | 17,464 | 5364,622 | -0,104 | 9,84 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,152 |
| 220,40 | 4,841 | 17,427 | 5365,106 | -0,104 | 9,80 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,111 |
| 220,50 | 4,830 | 17,390 | 5365,590 | -0,104 | 9,76 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,070 |
| 220,60 | 4,820 | 17,352 | 5366,072 | -0,103 | 9,72 | 900 | 0,00 | 0 | -0,0009 | 1,030 | 120,030 |
| 220,70 | 4,810 | 17,315 | 5366,554 | -0,103 | 9,68 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,989 |
| 220,80 | 4,799 | 17,278 | 5367,034 | -0,103 | 9,64 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,949 |
| 220,90 | 4,789 | 17,241 | 5367,514 | -0,103 | 9,59 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,909 |
| 221,00 | 4,779 | 17,203 | 5367,992 | -0,103 | 9,55 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,868 |
| 221,10 | 4,768 | 17,166 | 5368,469 | -0,103 | 9,51 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,828 |
| 221,20 | 4,758 | 17,129 | 5368,946 | -0,103 | 9,47 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,788 |
| 221,30 | 4,748 | 17,092 | 5369,421 | -0,103 | 9,43 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,749 |
| 221,40 | 4,737 | 17,055 | 5369,895 | -0,103 | 9,39 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,709 |
| 221,50 | 4,727 | 17,017 | 5370,368 | -0,103 | 9,35 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,669 |
| 221,60 | 4,717 | 16,980 | 5370,841 | -0,103 | 9,31 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,630 |
| 221,70 | 4,706 | 16,943 | 5371,312 | -0,103 | 9,27 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,590 |
| 221,80 | 4,696 | 16,906 | 5371,782 | -0,103 | 9,23 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,551 |
| 221,90 | 4,686 | 16,869 | 5372,251 | -0,103 | 9,18 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,511 |
| 222,00 | 4,676 | 16,832 | 5372,719 | -0,103 | 9,14 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,472 |
| 222,10 | 4,665 | 16,795 | 5373,186 | -0,103 | 9,10 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,433 |
| 222,20 | 4,655 | 16,758 | 5373,652 | -0,103 | 9,06 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,394 |
| 222,30 | 4,645 | 16,721 | 5374,117 | -0,103 | 9,02 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,355 |
| 222,40 | 4,634 | 16,684 | 5374,581 | -0,103 | 8,98 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,317 |
| 222,50 | 4,624 | 16,647 | 5375,044 | -0,103 | 8,94 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,278 |
| 222,60 | 4,614 | 16,610 | 5375,506 | -0,103 | 8,90 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,239 |
| 222,70 | 4,603 | 16,573 | 5375,967 | -0,103 | 8,86 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,201 |
| 222,80 | 4,593 | 16,536 | 5376,427 | -0,103 | 8,83 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,162 |
| 222,90 | 4,583 | 16,499 | 5376,885 | -0,103 | 8,79 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,124 |
| 223,00 | 4,573 | 16,462 | 5377,343 | -0,103 | 8,75 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,086 |
| 223,10 | 4,562 | 16,425 | 5377,800 | -0,103 | 8,71 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,048 |
| 223,20 | 4,552 | 16,388 | 5378,256 | -0,103 | 8,67 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 119,010 |
| 223,30 | 4,542 | 16,351 | 5378,710 | -0,103 | 8,63 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 118,972 |
| 223,40 | 4,532 | 16,314 | 5379,164 | -0,103 | 8,59 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 118,934 |
| 223,50 | 4,521 | 16,277 | 5379,617 | -0,102 | 8,55 | 900 | 0,00 | 0 | -0,0008 | 1,030 | 118,897 |
| 223,60 | 4,511 | 16,240 | 5380,068 | -0,102 | 8,51 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,859 |
| 223,70 | 4,501 | 16,203 | 5380,519 | -0,102 | 8,47 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,821 |
| 223,80 | 4,491 | 16,166 | 5380,968 | -0,102 | 8,44 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,784 |
| 223,90 | 4,480 | 16,129 | 5381,417 | -0,102 | 8,40 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,747 |
| 224,00 | 4,470 | 16,093 | 5381,864 | -0,102 | 8,36 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,710 |
| 224,10 | 4,460 | 16,056 | 5382,311 | -0,102 | 8,32 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,672 |
| 224,20 | 4,450 | 16,019 | 5382,756 | -0,102 | 8,28 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,635 |
| 224,30 | 4,439 | 15,982 | 5383,201 | -0,102 | 8,24 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,598 |
| 224,40 | 4,429 | 15,945 | 5383,644 | -0,102 | 8,21 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,562 |
| 224,50 | 4,419 | 15,908 | 5384,087 | -0,102 | 8,17 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,525 |
| 224,60 | 4,409 | 15,872 | 5384,528 | -0,102 | 8,13 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,488 |
| 224,70 | 4,399 | 15,835 | 5384,969 | -0,102 | 8,09 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,452 |
| 224,80 | 4,388 | 15,798 | 5385,408 | -0,102 | 8,06 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,415 |
| 224,90 | 4,378 | 15,761 | 5385,846 | -0,102 | 8,02 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,379 |
| 225,00 | 4,368 | 15,725 | 5386,284 | -0,102 | 7,98 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,343 |
| 225,10 | 4,358 | 15,688 | 5386,720 | -0,102 | 7,94 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,307 |
| 225,20 | 4,348 | 15,651 | 5387,155 | -0,102 | 7,91 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,270 |
| 225,30 | 4,337 | 15,615 | 5387,589 | -0,102 | 7,87 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,235 |
| 225,40 | 4,327 | 15,578 | 5388,023 | -0,102 | 7,83 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,199 |
| 225,50 | 4,317 | 15,541 | 5388,455 | -0,102 | 7,80 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,163 |
| 225,60 | 4,307 | 15,504 | 5388,886 | -0,102 | 7,76 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,127 |
| 225,70 | 4,297 | 15,468 | 5389,316 | -0,102 | 7,72 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,092 |
| 225,80 | 4,286 | 15,431 | 5389,745 | -0,102 | 7,69 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,056 |
| 225,90 | 4,276 | 15,395 | 5390,173 | -0,102 | 7,65 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 118,021 |
| 226,00 | 4,266 | 15,358 | 5390,601 | -0,102 | 7,61 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,985 |
| 226,10 | 4,256 | 15,321 | 5391,027 | -0,102 | 7,58 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,950 |
| 226,20 | 4,246 | 15,285 | 5391,452 | -0,102 | 7,54 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,915 |
| 226,30 | 4,236 | 15,248 | 5391,876 | -0,102 | 7,50 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,880 |
| 226,40 | 4,225 | 15,212 | 5392,299 | -0,102 | 7,47 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,845 |
| 226,50 | 4,215 | 15,175 | 5392,721 | -0,102 | 7,43 | 900 | 0,00 | 0 | -0,0007 | 1,030 | 117,810 |
| 226,60 | 4,205 | 15,138 | 5393,142 | -0,102 | 7,40 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,776 |
| 226,70 | 4,195 | 15,102 | 5393,562 | -0,102 | 7,36 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,741 |
| 226,80 | 4,185 | 15,065 | 5393,981 | -0,101 | 7,33 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,706 |
| 226,90 | 4,175 | 15,029 | 5394,399 | -0,101 | 7,29 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,672 |
| 227,00 | 4,165 | 14,992 | 5394,816 | -0,101 | 7,25 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,638 |
| 227,10 | 4,154 | 14,956 | 5395,232 | -0,101 | 7,22 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,603 |
| 227,20 | 4,144 | 14,919 | 5395,647 | -0,101 | 7,18 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,569 |
| 227,30 | 4,134 | 14,883 | 5396,061 | -0,101 | 7,15 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,535 |
| 227,40 | 4,124 | 14,846 | 5396,474 | -0,101 | 7,11 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,501 |
| 227,50 | 4,114 | 14,810 | 5396,885 | -0,101 | 7,08 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,467 |
| 227,60 | 4,104 | 14,773 | 5397,296 | -0,101 | 7,04 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,433 |
| 227,70 | 4,094 | 14,737 | 5397,706 | -0,101 | 7,01 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,400 |
| 227,80 | 4,083 | 14,700 | 5398,115 | -0,101 | 6,98 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,366 |
| 227,90 | 4,073 | 14,664 | 5398,523 | -0,101 | 6,94 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,333 |
| 228,00 | 4,063 | 14,628 | 5398,930 | -0,101 | 6,91 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,299 |
| 228,10 | 4,053 | 14,591 | 5399,335 | -0,101 | 6,87 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,266 |
| 228,20 | 4,043 | 14,555 | 5399,740 | -0,101 | 6,84 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,233 |
| 228,30 | 4,033 | 14,518 | 5400,144 | -0,101 | 6,80 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,200 |
| 228,40 | 4,023 | 14,482 | 5400,547 | -0,101 | 6,77 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,166 |
| 228,50 | 4,013 | 14,446 | 5400,949 | -0,101 | 6,74 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,134 |
| 228,60 | 4,003 | 14,409 | 5401,349 | -0,101 | 6,70 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,101 |
| 228,70 | 3,993 | 14,373 | 5401,749 | -0,101 | 6,67 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,068 |
| 228,80 | 3,982 | 14,337 | 5402,148 | -0,101 | 6,63 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,035 |
| 228,90 | 3,972 | 14,300 | 5402,546 | -0,101 | 6,60 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 117,003 |
| 229,00 | 3,962 | 14,264 | 5402,942 | -0,101 | 6,57 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,970 |
| 229,10 | 3,952 | 14,228 | 5403,338 | -0,101 | 6,53 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,938 |
| 229,20 | 3,942 | 14,191 | 5403,733 | -0,101 | 6,50 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,905 |
| 229,30 | 3,932 | 14,155 | 5404,127 | -0,101 | 6,47 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,873 |
| 229,40 | 3,922 | 14,119 | 5404,519 | -0,101 | 6,43 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,841 |
| 229,50 | 3,912 | 14,083 | 5404,911 | -0,101 | 6,40 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,809 |
| 229,60 | 3,902 | 14,046 | 5405,302 | -0,101 | 6,37 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,777 |
| 229,70 | 3,892 | 14,010 | 5405,691 | -0,101 | 6,34 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,745 |
| 229,80 | 3,882 | 13,974 | 5406,080 | -0,101 | 6,30 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,713 |
| 229,90 | 3,872 | 13,938 | 5406,468 | -0,101 | 6,27 | 900 | 0,00 | 0 | -0,0006 | 1,030 | 116,682 |
| 230,00 | 3,862 | 13,902 | 5406,854 | -0,101 | 6,24 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,650 |
| 230,10 | 3,851 | 13,865 | 5407,240 | -0,101 | 6,21 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,619 |
| 230,20 | 3,841 | 13,829 | 5407,625 | -0,101 | 6,17 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,587 |
| 230,30 | 3,831 | 13,793 | 5408,008 | -0,100 | 6,14 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,556 |
| 230,40 | 3,821 | 13,757 | 5408,391 | -0,100 | 6,11 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,525 |
| 230,50 | 3,811 | 13,721 | 5408,772 | -0,100 | 6,08 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,493 |
| 230,60 | 3,801 | 13,684 | 5409,153 | -0,100 | 6,04 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,462 |
| 230,70 | 3,791 | 13,648 | 5409,533 | -0,100 | 6,01 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,431 |
| 230,80 | 3,781 | 13,612 | 5409,911 | -0,100 | 5,98 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,401 |
| 230,90 | 3,771 | 13,576 | 5410,289 | -0,100 | 5,95 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,370 |
| 231,00 | 3,761 | 13,540 | 5410,666 | -0,100 | 5,92 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,339 |
| 231,10 | 3,751 | 13,504 | 5411,041 | -0,100 | 5,89 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,309 |
| 231,20 | 3,741 | 13,468 | 5411,416 | -0,100 | 5,85 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,278 |
| 231,30 | 3,731 | 13,432 | 5411,789 | -0,100 | 5,82 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,248 |
| 231,40 | 3,721 | 13,396 | 5412,162 | -0,100 | 5,79 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,217 |
| 231,50 | 3,711 | 13,359 | 5412,534 | -0,100 | 5,76 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,187 |
| 231,60 | 3,701 | 13,323 | 5412,904 | -0,100 | 5,73 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,157 |
| 231,70 | 3,691 | 13,287 | 5413,274 | -0,100 | 5,70 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,127 |
| 231,80 | 3,681 | 13,251 | 5413,642 | -0,100 | 5,67 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,097 |
| 231,90 | 3,671 | 13,215 | 5414,010 | -0,100 | 5,64 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,067 |
| 232,00 | 3,661 | 13,179 | 5414,376 | -0,100 | 5,61 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,037 |
| 232,10 | 3,651 | 13,143 | 5414,742 | -0,100 | 5,58 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 116,007 |
| 232,20 | 3,641 | 13,107 | 5415,107 | -0,100 | 5,55 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,978 |
| 232,30 | 3,631 | 13,071 | 5415,470 | -0,100 | 5,51 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,948 |
| 232,40 | 3,621 | 13,035 | 5415,833 | -0,100 | 5,48 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,919 |
| 232,50 | 3,611 | 12,999 | 5416,194 | -0,100 | 5,45 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,890 |
| 232,60 | 3,601 | 12,963 | 5416,555 | -0,100 | 5,42 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,860 |
| 232,70 | 3,591 | 12,927 | 5416,915 | -0,100 | 5,39 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,831 |
| 232,80 | 3,581 | 12,891 | 5417,273 | -0,100 | 5,36 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,802 |
| 232,90 | 3,571 | 12,856 | 5417,631 | -0,100 | 5,33 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,773 |
| 233,00 | 3,561 | 12,820 | 5417,987 | -0,100 | 5,30 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,744 |
| 233,10 | 3,551 | 12,784 | 5418,343 | -0,100 | 5,27 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,715 |
| 233,20 | 3,541 | 12,748 | 5418,698 | -0,100 | 5,25 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,687 |
| 233,30 | 3,531 | 12,712 | 5419,051 | -0,100 | 5,22 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,658 |
| 233,40 | 3,521 | 12,676 | 5419,404 | -0,100 | 5,19 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,629 |
| 233,50 | 3,511 | 12,640 | 5419,755 | -0,100 | 5,16 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,601 |
| 233,60 | 3,501 | 12,604 | 5420,106 | -0,100 | 5,13 | 900 | 0,00 | 0 | -0,0005 | 1,030 | 115,573 |
| 233,70 | 3,491 | 12,568 | 5420,456 | -0,100 | 5,10 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,544 |
| 233,80 | 3,481 | 12,532 | 5420,804 | -0,100 | 5,07 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,516 |
| 233,90 | 3,471 | 12,497 | 5421,152 | -0,100 | 5,04 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,488 |
| 234,00 | 3,461 | 12,461 | 5421,499 | -0,100 | 5,01 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,460 |
| 234,10 | 3,451 | 12,425 | 5421,844 | -0,100 | 4,98 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,432 |
| 234,20 | 3,441 | 12,389 | 5422,189 | -0,099 | 4,95 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,404 |
| 234,30 | 3,431 | 12,353 | 5422,532 | -0,099 | 4,93 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,376 |
| 234,40 | 3,422 | 12,318 | 5422,875 | -0,099 | 4,90 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,349 |
| 234,50 | 3,412 | 12,282 | 5423,217 | -0,099 | 4,87 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,321 |
| 234,60 | 3,402 | 12,246 | 5423,557 | -0,099 | 4,84 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,294 |
| 234,70 | 3,392 | 12,210 | 5423,897 | -0,099 | 4,81 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,266 |
| 234,80 | 3,382 | 12,174 | 5424,236 | -0,099 | 4,78 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,239 |
| 234,90 | 3,372 | 12,139 | 5424,573 | -0,099 | 4,76 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,212 |
| 235,00 | 3,362 | 12,103 | 5424,910 | -0,099 | 4,73 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,184 |
| 235,10 | 3,352 | 12,067 | 5425,246 | -0,099 | 4,70 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,157 |
| 235,20 | 3,342 | 12,031 | 5425,581 | -0,099 | 4,67 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,130 |
| 235,30 | 3,332 | 11,996 | 5425,914 | -0,099 | 4,64 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,103 |
| 235,40 | 3,322 | 11,960 | 5426,247 | -0,099 | 4,62 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,077 |
| 235,50 | 3,312 | 11,924 | 5426,579 | -0,099 | 4,59 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,050 |
| 235,60 | 3,302 | 11,888 | 5426,909 | -0,099 | 4,56 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 115,023 |
| 235,70 | 3,292 | 11,853 | 5427,239 | -0,099 | 4,53 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,997 |
| 235,80 | 3,283 | 11,817 | 5427,568 | -0,099 | 4,51 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,970 |
| 235,90 | 3,273 | 11,781 | 5427,896 | -0,099 | 4,48 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,944 |
| 236,00 | 3,263 | 11,746 | 5428,222 | -0,099 | 4,45 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,917 |
| 236,10 | 3,253 | 11,710 | 5428,548 | -0,099 | 4,43 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,891 |
| 236,20 | 3,243 | 11,674 | 5428,873 | -0,099 | 4,40 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,865 |
| 236,30 | 3,233 | 11,639 | 5429,197 | -0,099 | 4,37 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,839 |
| 236,40 | 3,223 | 11,603 | 5429,520 | -0,099 | 4,35 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,813 |
| 236,50 | 3,213 | 11,568 | 5429,841 | -0,099 | 4,32 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,787 |
| 236,60 | 3,203 | 11,532 | 5430,162 | -0,099 | 4,29 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,761 |
| 236,70 | 3,193 | 11,496 | 5430,482 | -0,099 | 4,27 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,736 |
| 236,80 | 3,184 | 11,461 | 5430,801 | -0,099 | 4,24 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,710 |
| 236,90 | 3,174 | 11,425 | 5431,119 | -0,099 | 4,21 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,685 |
| 237,00 | 3,164 | 11,389 | 5431,436 | -0,099 | 4,19 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,659 |
| 237,10 | 3,154 | 11,354 | 5431,752 | -0,099 | 4,16 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,634 |
| 237,20 | 3,144 | 11,318 | 5432,066 | -0,099 | 4,13 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,609 |
| 237,30 | 3,134 | 11,283 | 5432,380 | -0,099 | 4,11 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,583 |
| 237,40 | 3,124 | 11,247 | 5432,693 | -0,099 | 4,08 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,558 |
| 237,50 | 3,114 | 11,212 | 5433,005 | -0,099 | 4,06 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,533 |
| 237,60 | 3,104 | 11,176 | 5433,316 | -0,099 | 4,03 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,508 |
| 237,70 | 3,095 | 11,141 | 5433,626 | -0,099 | 4,01 | 900 | 0,00 | 0 | -0,0004 | 1,030 | 114,483 |
| 237,80 | 3,085 | 11,105 | 5433,935 | -0,099 | 3,98 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,459 |
| 237,90 | 3,075 | 11,070 | 5434,243 | -0,099 | 3,96 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,434 |
| 238,00 | 3,065 | 11,034 | 5434,550 | -0,099 | 3,93 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,409 |
| 238,10 | 3,055 | 10,998 | 5434,856 | -0,099 | 3,90 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,385 |
| 238,20 | 3,045 | 10,963 | 5435,161 | -0,099 | 3,88 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,360 |
| 238,30 | 3,035 | 10,927 | 5435,465 | -0,099 | 3,85 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,336 |
| 238,40 | 3,026 | 10,892 | 5435,768 | -0,099 | 3,83 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,312 |
| 238,50 | 3,016 | 10,857 | 5436,070 | -0,099 | 3,80 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,288 |
| 238,60 | 3,006 | 10,821 | 5436,371 | -0,099 | 3,78 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,264 |
| 238,70 | 2,996 | 10,786 | 5436,671 | -0,098 | 3,75 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,240 |
| 238,80 | 2,986 | 10,750 | 5436,970 | -0,098 | 3,73 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,216 |
| 238,90 | 2,976 | 10,715 | 5437,269 | -0,098 | 3,71 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,192 |
| 239,00 | 2,966 | 10,679 | 5437,566 | -0,098 | 3,68 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,168 |
| 239,10 | 2,957 | 10,644 | 5437,862 | -0,098 | 3,66 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,144 |
| 239,20 | 2,947 | 10,608 | 5438,157 | -0,098 | 3,63 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,121 |
| 239,30 | 2,937 | 10,573 | 5438,451 | -0,098 | 3,61 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,097 |
| 239,40 | 2,927 | 10,538 | 5438,744 | -0,098 | 3,58 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,074 |
| 239,50 | 2,917 | 10,502 | 5439,037 | -0,098 | 3,56 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,050 |
| 239,60 | 2,907 | 10,467 | 5439,328 | -0,098 | 3,54 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,027 |
| 239,70 | 2,898 | 10,431 | 5439,618 | -0,098 | 3,51 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 114,004 |
| 239,80 | 2,888 | 10,396 | 5439,907 | -0,098 | 3,49 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,981 |
| 239,90 | 2,878 | 10,361 | 5440,196 | -0,098 | 3,46 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,958 |
| 240,00 | 2,868 | 10,325 | 5440,483 | -0,098 | 3,44 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,935 |
| 240,10 | 2,858 | 10,290 | 5440,769 | -0,098 | 3,42 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,912 |
| 240,20 | 2,848 | 10,255 | 5441,055 | -0,098 | 3,39 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,889 |
| 240,30 | 2,839 | 10,219 | 5441,339 | -0,098 | 3,37 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,867 |
| 240,40 | 2,829 | 10,184 | 5441,622 | -0,098 | 3,35 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,844 |
| 240,50 | 2,819 | 10,149 | 5441,905 | -0,098 | 3,32 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,822 |
| 240,60 | 2,809 | 10,113 | 5442,186 | -0,098 | 3,30 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,799 |
| 240,70 | 2,799 | 10,078 | 5442,467 | -0,098 | 3,28 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,777 |
| 240,80 | 2,790 | 10,043 | 5442,746 | -0,098 | 3,26 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,755 |
| 240,90 | 2,780 | 10,007 | 5443,025 | -0,098 | 3,23 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,732 |
| 241,00 | 2,770 | 9,972 | 5443,302 | -0,098 | 3,21 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,710 |
| 241,10 | 2,760 | 9,937 | 5443,579 | -0,098 | 3,19 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,688 |
| 241,20 | 2,750 | 9,901 | 5443,854 | -0,098 | 3,16 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,666 |
| 241,30 | 2,741 | 9,866 | 5444,129 | -0,098 | 3,14 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,645 |
| 241,40 | 2,731 | 9,831 | 5444,402 | -0,098 | 3,12 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,623 |
| 241,50 | 2,721 | 9,796 | 5444,675 | -0,098 | 3,10 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,601 |
| 241,60 | 2,711 | 9,760 | 5444,946 | -0,098 | 3,07 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,579 |
| 241,70 | 2,701 | 9,725 | 5445,217 | -0,098 | 3,05 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,558 |
| 241,80 | 2,692 | 9,690 | 5445,487 | -0,098 | 3,03 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,537 |
| 241,90 | 2,682 | 9,655 | 5445,755 | -0,098 | 3,01 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,515 |
| 242,00 | 2,672 | 9,619 | 5446,023 | -0,098 | 2,99 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,494 |
| 242,10 | 2,662 | 9,584 | 5446,290 | -0,098 | 2,96 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,473 |
| 242,20 | 2,652 | 9,549 | 5446,556 | -0,098 | 2,94 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,452 |
| 242,30 | 2,643 | 9,514 | 5446,820 | -0,098 | 2,92 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,431 |
| 242,40 | 2,633 | 9,479 | 5447,084 | -0,098 | 2,90 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,410 |
| 242,50 | 2,623 | 9,443 | 5447,347 | -0,098 | 2,88 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,389 |
| 242,60 | 2,613 | 9,408 | 5447,609 | -0,098 | 2,86 | 900 | 0,00 | 0 | -0,0003 | 1,030 | 113,368 |
| 242,70 | 2,604 | 9,373 | 5447,870 | -0,098 | 2,84 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,347 |
| 242,80 | 2,594 | 9,338 | 5448,129 | -0,098 | 2,81 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,327 |
| 242,90 | 2,584 | 9,303 | 5448,388 | -0,098 | 2,79 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,306 |
| 243,00 | 2,574 | 9,267 | 5448,646 | -0,098 | 2,77 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,286 |
| 243,10 | 2,565 | 9,232 | 5448,903 | -0,098 | 2,75 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,265 |
| 243,20 | 2,555 | 9,197 | 5449,159 | -0,098 | 2,73 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,245 |
| 243,30 | 2,545 | 9,162 | 5449,414 | -0,098 | 2,71 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,225 |
| 243,40 | 2,535 | 9,127 | 5449,668 | -0,098 | 2,69 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,205 |
| 243,50 | 2,525 | 9,092 | 5449,921 | -0,098 | 2,67 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,184 |
| 243,60 | 2,516 | 9,057 | 5450,173 | -0,098 | 2,65 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,164 |
| 243,70 | 2,506 | 9,022 | 5450,424 | -0,098 | 2,63 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,145 |
| 243,80 | 2,496 | 8,986 | 5450,674 | -0,098 | 2,61 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,125 |
| 243,90 | 2,486 | 8,951 | 5450,924 | -0,098 | 2,59 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,105 |
| 244,00 | 2,477 | 8,916 | 5451,172 | -0,097 | 2,57 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,085 |
| 244,10 | 2,467 | 8,881 | 5451,419 | -0,097 | 2,55 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,066 |
| 244,20 | 2,457 | 8,846 | 5451,665 | -0,097 | 2,53 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,046 |
| 244,30 | 2,447 | 8,811 | 5451,910 | -0,097 | 2,51 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,027 |
| 244,40 | 2,438 | 8,776 | 5452,155 | -0,097 | 2,49 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 113,008 |
| 244,50 | 2,428 | 8,741 | 5452,398 | -0,097 | 2,47 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,988 |
| 244,60 | 2,418 | 8,706 | 5452,640 | -0,097 | 2,45 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,969 |
| 244,70 | 2,409 | 8,671 | 5452,882 | -0,097 | 2,43 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,950 |
| 244,80 | 2,399 | 8,636 | 5453,122 | -0,097 | 2,41 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,931 |
| 244,90 | 2,389 | 8,601 | 5453,361 | -0,097 | 2,39 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,912 |
| 245,00 | 2,379 | 8,566 | 5453,600 | -0,097 | 2,37 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,893 |
| 245,10 | 2,370 | 8,530 | 5453,837 | -0,097 | 2,35 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,875 |
| 245,20 | 2,360 | 8,495 | 5454,074 | -0,097 | 2,33 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,856 |
| 245,30 | 2,350 | 8,460 | 5454,309 | -0,097 | 2,31 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,837 |
| 245,40 | 2,340 | 8,425 | 5454,544 | -0,097 | 2,29 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,819 |
| 245,50 | 2,331 | 8,390 | 5454,777 | -0,097 | 2,27 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,800 |
| 245,60 | 2,321 | 8,355 | 5455,010 | -0,097 | 2,25 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,782 |
| 245,70 | 2,311 | 8,320 | 5455,241 | -0,097 | 2,23 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,764 |
| 245,80 | 2,301 | 8,285 | 5455,472 | -0,097 | 2,22 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,745 |
| 245,90 | 2,292 | 8,250 | 5455,702 | -0,097 | 2,20 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,727 |
| 246,00 | 2,282 | 8,215 | 5455,930 | -0,097 | 2,18 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,709 |
| 246,10 | 2,272 | 8,180 | 5456,158 | -0,097 | 2,16 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,691 |
| 246,20 | 2,263 | 8,145 | 5456,385 | -0,097 | 2,14 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,673 |
| 246,30 | 2,253 | 8,110 | 5456,611 | -0,097 | 2,12 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,656 |
| 246,40 | 2,243 | 8,076 | 5456,835 | -0,097 | 2,10 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,638 |
| 246,50 | 2,233 | 8,041 | 5457,059 | -0,097 | 2,09 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,620 |
| 246,60 | 2,224 | 8,006 | 5457,282 | -0,097 | 2,07 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,603 |
| 246,70 | 2,214 | 7,971 | 5457,504 | -0,097 | 2,05 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,585 |
| 246,80 | 2,204 | 7,936 | 5457,725 | -0,097 | 2,03 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,568 |
| 246,90 | 2,195 | 7,901 | 5457,945 | -0,097 | 2,01 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,550 |
| 247,00 | 2,185 | 7,866 | 5458,164 | -0,097 | 2,00 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,533 |
| 247,10 | 2,175 | 7,831 | 5458,382 | -0,097 | 1,98 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,516 |
| 247,20 | 2,166 | 7,796 | 5458,599 | -0,097 | 1,96 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,499 |
| 247,30 | 2,156 | 7,761 | 5458,815 | -0,097 | 1,94 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,482 |
| 247,40 | 2,146 | 7,726 | 5459,030 | -0,097 | 1,93 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,465 |
| 247,50 | 2,136 | 7,691 | 5459,244 | -0,097 | 1,91 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,448 |
| 247,60 | 2,127 | 7,656 | 5459,457 | -0,097 | 1,89 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,431 |
| 247,70 | 2,117 | 7,622 | 5459,670 | -0,097 | 1,87 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,414 |
| 247,80 | 2,107 | 7,587 | 5459,881 | -0,097 | 1,86 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,398 |
| 247,90 | 2,098 | 7,552 | 5460,091 | -0,097 | 1,84 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,381 |
| 248,00 | 2,088 | 7,517 | 5460,300 | -0,097 | 1,82 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,365 |
| 248,10 | 2,078 | 7,482 | 5460,509 | -0,097 | 1,81 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,348 |
| 248,20 | 2,069 | 7,447 | 5460,716 | -0,097 | 1,79 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,332 |
| 248,30 | 2,059 | 7,412 | 5460,922 | -0,097 | 1,77 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,316 |
| 248,40 | 2,049 | 7,377 | 5461,128 | -0,097 | 1,76 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,300 |
| 248,50 | 2,040 | 7,343 | 5461,332 | -0,097 | 1,74 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,284 |
| 248,60 | 2,030 | 7,308 | 5461,536 | -0,097 | 1,72 | 900 | 0,00 | 0 | -0,0002 | 1,030 | 112,268 |
| 248,70 | 2,020 | 7,273 | 5461,738 | -0,097 | 1,71 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,252 |
| 248,80 | 2,011 | 7,238 | 5461,940 | -0,097 | 1,69 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,236 |
| 248,90 | 2,001 | 7,203 | 5462,140 | -0,097 | 1,67 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,220 |
| 249,00 | 1,991 | 7,168 | 5462,340 | -0,097 | 1,66 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,204 |
| 249,10 | 1,982 | 7,134 | 5462,539 | -0,097 | 1,64 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,189 |
| 249,20 | 1,972 | 7,099 | 5462,736 | -0,097 | 1,63 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,173 |
| 249,30 | 1,962 | 7,064 | 5462,933 | -0,097 | 1,61 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,158 |
| 249,40 | 1,953 | 7,029 | 5463,129 | -0,097 | 1,59 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,142 |
| 249,50 | 1,943 | 6,994 | 5463,323 | -0,097 | 1,58 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,127 |
| 249,60 | 1,933 | 6,960 | 5463,517 | -0,097 | 1,56 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,112 |
| 249,70 | 1,924 | 6,925 | 5463,710 | -0,097 | 1,55 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,097 |
| 249,80 | 1,914 | 6,890 | 5463,902 | -0,097 | 1,53 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,082 |
| 249,90 | 1,904 | 6,855 | 5464,093 | -0,097 | 1,52 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,067 |
| 250,00 | 1,895 | 6,820 | 5464,283 | -0,097 | 1,50 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,052 |
| 250,10 | 1,885 | 6,786 | 5464,472 | -0,097 | 1,49 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,037 |
| 250,20 | 1,875 | 6,751 | 5464,660 | -0,097 | 1,47 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,022 |
| 250,30 | 1,866 | 6,716 | 5464,847 | -0,097 | 1,46 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 112,008 |
| 250,40 | 1,856 | 6,681 | 5465,033 | -0,097 | 1,44 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,993 |
| 250,50 | 1,846 | 6,647 | 5465,218 | -0,097 | 1,43 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,979 |
| 250,60 | 1,837 | 6,612 | 5465,402 | -0,097 | 1,41 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,964 |
| 250,70 | 1,827 | 6,577 | 5465,585 | -0,097 | 1,40 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,950 |
| 250,80 | 1,817 | 6,542 | 5465,768 | -0,096 | 1,38 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,935 |
| 250,90 | 1,808 | 6,508 | 5465,949 | -0,096 | 1,37 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,921 |
| 251,00 | 1,798 | 6,473 | 5466,129 | -0,096 | 1,35 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,907 |
| 251,10 | 1,788 | 6,438 | 5466,308 | -0,096 | 1,34 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,893 |
| 251,20 | 1,779 | 6,403 | 5466,487 | -0,096 | 1,32 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,879 |
| 251,30 | 1,769 | 6,369 | 5466,664 | -0,096 | 1,31 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,865 |
| 251,40 | 1,759 | 6,334 | 5466,841 | -0,096 | 1,29 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,851 |
| 251,50 | 1,750 | 6,299 | 5467,016 | -0,096 | 1,28 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,838 |
| 251,60 | 1,740 | 6,265 | 5467,191 | -0,096 | 1,27 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,824 |
| 251,70 | 1,731 | 6,230 | 5467,364 | -0,096 | 1,25 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,810 |
| 251,80 | 1,721 | 6,195 | 5467,537 | -0,096 | 1,24 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,797 |
| 251,90 | 1,711 | 6,160 | 5467,708 | -0,096 | 1,22 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,783 |
| 252,00 | 1,702 | 6,126 | 5467,879 | -0,096 | 1,21 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,770 |
| 252,10 | 1,692 | 6,091 | 5468,049 | -0,096 | 1,20 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,757 |
| 252,20 | 1,682 | 6,056 | 5468,217 | -0,096 | 1,18 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,744 |
| 252,30 | 1,673 | 6,022 | 5468,385 | -0,096 | 1,17 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,730 |
| 252,40 | 1,663 | 5,987 | 5468,552 | -0,096 | 1,16 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,717 |
| 252,50 | 1,653 | 5,952 | 5468,718 | -0,096 | 1,14 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,704 |
| 252,60 | 1,644 | 5,918 | 5468,883 | -0,096 | 1,13 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,692 |
| 252,70 | 1,634 | 5,883 | 5469,046 | -0,096 | 1,12 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,679 |
| 252,80 | 1,625 | 5,848 | 5469,209 | -0,096 | 1,10 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,666 |
| 252,90 | 1,615 | 5,814 | 5469,371 | -0,096 | 1,09 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,653 |
| 253,00 | 1,605 | 5,779 | 5469,532 | -0,096 | 1,08 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,641 |
| 253,10 | 1,596 | 5,744 | 5469,692 | -0,096 | 1,07 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,628 |
| 253,20 | 1,586 | 5,710 | 5469,851 | -0,096 | 1,05 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,616 |
| 253,30 | 1,576 | 5,675 | 5470,010 | -0,096 | 1,04 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,603 |
| 253,40 | 1,567 | 5,640 | 5470,167 | -0,096 | 1,03 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,591 |
| 253,50 | 1,557 | 5,606 | 5470,323 | -0,096 | 1,01 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,579 |
| 253,60 | 1,548 | 5,571 | 5470,478 | -0,096 | 1,00 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,567 |
| 253,70 | 1,538 | 5,537 | 5470,632 | -0,096 | 0,99 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,555 |
| 253,80 | 1,528 | 5,502 | 5470,786 | -0,096 | 0,98 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,543 |
| 253,90 | 1,519 | 5,467 | 5470,938 | -0,096 | 0,96 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,531 |
| 254,00 | 1,509 | 5,433 | 5471,090 | -0,096 | 0,95 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,519 |
| 254,10 | 1,499 | 5,398 | 5471,240 | -0,096 | 0,94 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,507 |
| 254,20 | 1,490 | 5,364 | 5471,389 | -0,096 | 0,93 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,496 |
| 254,30 | 1,480 | 5,329 | 5471,538 | -0,096 | 0,92 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,484 |
| 254,40 | 1,471 | 5,294 | 5471,685 | -0,096 | 0,90 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,473 |
| 254,50 | 1,461 | 5,260 | 5471,832 | -0,096 | 0,89 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,461 |
| 254,60 | 1,451 | 5,225 | 5471,978 | -0,096 | 0,88 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,450 |
| 254,70 | 1,442 | 5,191 | 5472,122 | -0,096 | 0,87 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,438 |
| 254,80 | 1,432 | 5,156 | 5472,266 | -0,096 | 0,86 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,427 |
| 254,90 | 1,423 | 5,121 | 5472,409 | -0,096 | 0,85 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,416 |
| 255,00 | 1,413 | 5,087 | 5472,551 | -0,096 | 0,84 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,405 |
| 255,10 | 1,403 | 5,052 | 5472,691 | -0,096 | 0,82 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,394 |
| 255,20 | 1,394 | 5,018 | 5472,831 | -0,096 | 0,81 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,383 |
| 255,30 | 1,384 | 4,983 | 5472,970 | -0,096 | 0,80 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,372 |
| 255,40 | 1,375 | 4,949 | 5473,108 | -0,096 | 0,79 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,362 |
| 255,50 | 1,365 | 4,914 | 5473,245 | -0,096 | 0,78 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,351 |
| 255,60 | 1,355 | 4,879 | 5473,381 | -0,096 | 0,77 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,340 |
| 255,70 | 1,346 | 4,845 | 5473,516 | -0,096 | 0,76 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,330 |
| 255,80 | 1,336 | 4,810 | 5473,650 | -0,096 | 0,75 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,319 |
| 255,90 | 1,327 | 4,776 | 5473,783 | -0,096 | 0,74 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,309 |
| 256,00 | 1,317 | 4,741 | 5473,916 | -0,096 | 0,73 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,299 |
| 256,10 | 1,307 | 4,707 | 5474,047 | -0,096 | 0,72 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,288 |
| 256,20 | 1,298 | 4,672 | 5474,177 | -0,096 | 0,70 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,278 |
| 256,30 | 1,288 | 4,638 | 5474,306 | -0,096 | 0,69 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,268 |
| 256,40 | 1,279 | 4,603 | 5474,435 | -0,096 | 0,68 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,258 |
| 256,50 | 1,269 | 4,569 | 5474,562 | -0,096 | 0,67 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,248 |
| 256,60 | 1,259 | 4,534 | 5474,688 | -0,096 | 0,66 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,238 |
| 256,70 | 1,250 | 4,499 | 5474,814 | -0,096 | 0,65 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,229 |
| 256,80 | 1,240 | 4,465 | 5474,938 | -0,096 | 0,64 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,219 |
| 256,90 | 1,231 | 4,430 | 5475,062 | -0,096 | 0,63 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,209 |
| 257,00 | 1,221 | 4,396 | 5475,185 | -0,096 | 0,62 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,200 |
| 257,10 | 1,212 | 4,361 | 5475,306 | -0,096 | 0,61 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,190 |
| 257,20 | 1,202 | 4,327 | 5475,427 | -0,096 | 0,60 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,181 |
| 257,30 | 1,192 | 4,292 | 5475,547 | -0,096 | 0,59 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,172 |
| 257,40 | 1,183 | 4,258 | 5475,665 | -0,096 | 0,59 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,162 |
| 257,50 | 1,173 | 4,223 | 5475,783 | -0,096 | 0,58 | 900 | 0,00 | 0 | -0,0001 | 1,030 | 111,153 |
| 257,60 | 1,164 | 4,189 | 5475,900 | -0,096 | 0,57 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,144 |
| 257,70 | 1,154 | 4,154 | 5476,016 | -0,096 | 0,56 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,135 |
| 257,80 | 1,144 | 4,120 | 5476,131 | -0,096 | 0,55 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,126 |
| 257,90 | 1,135 | 4,085 | 5476,245 | -0,096 | 0,54 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,117 |
| 258,00 | 1,125 | 4,051 | 5476,358 | -0,096 | 0,53 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,108 |
| 258,10 | 1,116 | 4,016 | 5476,470 | -0,096 | 0,52 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,100 |
| 258,20 | 1,106 | 3,982 | 5476,581 | -0,096 | 0,51 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,091 |
| 258,30 | 1,097 | 3,948 | 5476,691 | -0,096 | 0,50 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,082 |
| 258,40 | 1,087 | 3,913 | 5476,800 | -0,096 | 0,49 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,074 |
| 258,50 | 1,077 | 3,879 | 5476,908 | -0,096 | 0,49 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,066 |
| 258,60 | 1,068 | 3,844 | 5477,016 | -0,096 | 0,48 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,057 |
| 258,70 | 1,058 | 3,810 | 5477,122 | -0,096 | 0,47 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,049 |
| 258,80 | 1,049 | 3,775 | 5477,227 | -0,096 | 0,46 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,041 |
| 258,90 | 1,039 | 3,741 | 5477,332 | -0,096 | 0,45 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,033 |
| 259,00 | 1,030 | 3,706 | 5477,435 | -0,096 | 0,44 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,025 |
| 259,10 | 1,020 | 3,672 | 5477,538 | -0,096 | 0,44 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,017 |
| 259,20 | 1,010 | 3,637 | 5477,639 | -0,096 | 0,43 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,009 |
| 259,30 | 1,001 | 3,603 | 5477,740 | -0,096 | 0,42 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 111,001 |
| 259,40 | 0,991 | 3,568 | 5477,839 | -0,096 | 0,41 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,993 |
| 259,50 | 0,982 | 3,534 | 5477,938 | -0,096 | 0,40 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,986 |
| 259,60 | 0,972 | 3,500 | 5478,036 | -0,096 | 0,40 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,978 |
| 259,70 | 0,963 | 3,465 | 5478,132 | -0,096 | 0,39 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,970 |
| 259,80 | 0,953 | 3,431 | 5478,228 | -0,096 | 0,38 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,963 |
| 259,90 | 0,943 | 3,396 | 5478,323 | -0,096 | 0,37 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,956 |
| 260,00 | 0,934 | 3,362 | 5478,417 | -0,096 | 0,36 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,948 |
| 260,10 | 0,924 | 3,327 | 5478,510 | -0,096 | 0,36 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,941 |
| 260,20 | 0,915 | 3,293 | 5478,602 | -0,096 | 0,35 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,934 |
| 260,30 | 0,905 | 3,259 | 5478,693 | -0,096 | 0,34 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,927 |
| 260,40 | 0,896 | 3,224 | 5478,783 | -0,096 | 0,34 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,920 |
| 260,50 | 0,886 | 3,190 | 5478,872 | -0,096 | 0,33 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,913 |
| 260,60 | 0,876 | 3,155 | 5478,960 | -0,096 | 0,32 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,906 |
| 260,70 | 0,867 | 3,121 | 5479,047 | -0,096 | 0,31 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,899 |
| 260,80 | 0,857 | 3,086 | 5479,133 | -0,096 | 0,31 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,893 |
| 260,90 | 0,848 | 3,052 | 5479,219 | -0,096 | 0,30 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,886 |
| 261,00 | 0,838 | 3,018 | 5479,303 | -0,096 | 0,29 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,880 |
| 261,10 | 0,829 | 2,983 | 5479,386 | -0,096 | 0,29 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,873 |
| 261,20 | 0,819 | 2,949 | 5479,469 | -0,096 | 0,28 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,867 |
| 261,30 | 0,810 | 2,914 | 5479,550 | -0,096 | 0,27 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,860 |
| 261,40 | 0,800 | 2,880 | 5479,630 | -0,096 | 0,27 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,854 |
| 261,50 | 0,790 | 2,846 | 5479,710 | -0,096 | 0,26 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,848 |
| 261,60 | 0,781 | 2,811 | 5479,789 | -0,096 | 0,26 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,842 |
| 261,70 | 0,771 | 2,777 | 5479,866 | -0,096 | 0,25 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,836 |
| 261,80 | 0,762 | 2,742 | 5479,943 | -0,096 | 0,24 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,830 |
| 261,90 | 0,752 | 2,708 | 5480,019 | -0,096 | 0,24 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,824 |
| 262,00 | 0,743 | 2,674 | 5480,093 | -0,096 | 0,23 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,818 |
| 262,10 | 0,733 | 2,639 | 5480,167 | -0,096 | 0,22 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,812 |
| 262,20 | 0,724 | 2,605 | 5480,240 | -0,096 | 0,22 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,807 |
| 262,30 | 0,714 | 2,570 | 5480,312 | -0,096 | 0,21 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,801 |
| 262,40 | 0,704 | 2,536 | 5480,383 | -0,096 | 0,21 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,796 |
| 262,50 | 0,695 | 2,502 | 5480,453 | -0,096 | 0,20 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,790 |
| 262,60 | 0,685 | 2,467 | 5480,522 | -0,096 | 0,20 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,785 |
| 262,70 | 0,676 | 2,433 | 5480,590 | -0,095 | 0,19 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,780 |
| 262,80 | 0,666 | 2,398 | 5480,657 | -0,095 | 0,19 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,774 |
| 262,90 | 0,657 | 2,364 | 5480,723 | -0,095 | 0,18 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,769 |
| 263,00 | 0,647 | 2,330 | 5480,788 | -0,095 | 0,18 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,764 |
| 263,10 | 0,638 | 2,295 | 5480,852 | -0,095 | 0,17 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,759 |
| 263,20 | 0,628 | 2,261 | 5480,916 | -0,095 | 0,16 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,754 |
| 263,30 | 0,619 | 2,227 | 5480,978 | -0,095 | 0,16 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,750 |
| 263,40 | 0,609 | 2,192 | 5481,039 | -0,095 | 0,16 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,745 |
| 263,50 | 0,599 | 2,158 | 5481,100 | -0,095 | 0,15 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,740 |
| 263,60 | 0,590 | 2,123 | 5481,159 | -0,095 | 0,15 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,735 |
| 263,70 | 0,580 | 2,089 | 5481,218 | -0,095 | 0,14 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,731 |
| 263,80 | 0,571 | 2,055 | 5481,275 | -0,095 | 0,14 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,726 |
| 263,90 | 0,561 | 2,020 | 5481,332 | -0,095 | 0,13 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,722 |
| 264,00 | 0,552 | 1,986 | 5481,388 | -0,095 | 0,13 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,718 |
| 264,10 | 0,542 | 1,952 | 5481,442 | -0,095 | 0,12 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,714 |
| 264,20 | 0,533 | 1,917 | 5481,496 | -0,095 | 0,12 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,709 |
| 264,30 | 0,523 | 1,883 | 5481,549 | -0,095 | 0,11 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,705 |
| 264,40 | 0,514 | 1,849 | 5481,601 | -0,095 | 0,11 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,701 |
| 264,50 | 0,504 | 1,814 | 5481,651 | -0,095 | 0,11 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,697 |
| 264,60 | 0,494 | 1,780 | 5481,701 | -0,095 | 0,10 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,693 |
| 264,70 | 0,485 | 1,746 | 5481,750 | -0,095 | 0,10 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,690 |
| 264,80 | 0,475 | 1,711 | 5481,798 | -0,095 | 0,09 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,686 |
| 264,90 | 0,466 | 1,677 | 5481,845 | -0,095 | 0,09 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,682 |
| 265,00 | 0,456 | 1,642 | 5481,892 | -0,095 | 0,09 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,679 |
| 265,10 | 0,447 | 1,608 | 5481,937 | -0,095 | 0,08 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,675 |
| 265,20 | 0,437 | 1,574 | 5481,981 | -0,095 | 0,08 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,672 |
| 265,30 | 0,428 | 1,539 | 5482,024 | -0,095 | 0,08 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,668 |
| 265,40 | 0,418 | 1,505 | 5482,066 | -0,095 | 0,07 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,665 |
| 265,50 | 0,409 | 1,471 | 5482,108 | -0,095 | 0,07 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,662 |
| 265,60 | 0,399 | 1,436 | 5482,148 | -0,095 | 0,07 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,659 |
| 265,70 | 0,389 | 1,402 | 5482,188 | -0,095 | 0,06 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,656 |
| 265,80 | 0,380 | 1,368 | 5482,226 | -0,095 | 0,06 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,653 |
| 265,90 | 0,370 | 1,333 | 5482,264 | -0,095 | 0,06 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,650 |
| 266,00 | 0,361 | 1,299 | 5482,300 | -0,095 | 0,05 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,647 |
| 266,10 | 0,351 | 1,265 | 5482,336 | -0,095 | 0,05 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,644 |
| 266,20 | 0,342 | 1,230 | 5482,370 | -0,095 | 0,05 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,642 |
| 266,30 | 0,332 | 1,196 | 5482,404 | -0,095 | 0,05 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,639 |
| 266,40 | 0,323 | 1,162 | 5482,437 | -0,095 | 0,04 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,636 |
| 266,50 | 0,313 | 1,127 | 5482,469 | -0,095 | 0,04 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,634 |
| 266,60 | 0,304 | 1,093 | 5482,499 | -0,095 | 0,04 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,632 |
| 266,70 | 0,294 | 1,059 | 5482,529 | -0,095 | 0,04 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,629 |
| 266,80 | 0,285 | 1,024 | 5482,558 | -0,095 | 0,03 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,627 |
| 266,90 | 0,275 | 0,990 | 5482,586 | -0,095 | 0,03 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,625 |
| 267,00 | 0,265 | 0,956 | 5482,613 | -0,095 | 0,03 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,623 |
| 267,10 | 0,256 | 0,921 | 5482,639 | -0,095 | 0,03 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,621 |
| 267,20 | 0,246 | 0,887 | 5482,664 | -0,095 | 0,03 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,619 |
| 267,30 | 0,237 | 0,853 | 5482,689 | -0,095 | 0,02 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,617 |
| 267,40 | 0,227 | 0,818 | 5482,712 | -0,095 | 0,02 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,615 |
| 267,50 | 0,218 | 0,784 | 5482,734 | -0,095 | 0,02 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,613 |
| 267,60 | 0,208 | 0,750 | 5482,755 | -0,095 | 0,02 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,612 |
| 267,70 | 0,199 | 0,715 | 5482,776 | -0,095 | 0,02 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,610 |
| 267,80 | 0,189 | 0,681 | 5482,795 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,609 |
| 267,90 | 0,180 | 0,647 | 5482,814 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,607 |
| 268,00 | 0,170 | 0,612 | 5482,831 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,606 |
| 268,10 | 0,161 | 0,578 | 5482,848 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,605 |
| 268,20 | 0,151 | 0,544 | 5482,863 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,603 |
| 268,30 | 0,142 | 0,509 | 5482,878 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,602 |
| 268,40 | 0,132 | 0,475 | 5482,891 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,601 |
| 268,50 | 0,122 | 0,441 | 5482,904 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,600 |
| 268,60 | 0,113 | 0,406 | 5482,916 | -0,095 | 0,01 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,599 |
| 268,70 | 0,103 | 0,372 | 5482,927 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,599 |
| 268,80 | 0,094 | 0,338 | 5482,937 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,598 |
| 268,90 | 0,084 | 0,303 | 5482,946 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,597 |
| 269,00 | 0,075 | 0,269 | 5482,953 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,596 |
| 269,10 | 0,065 | 0,235 | 5482,960 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,596 |
| 269,20 | 0,056 | 0,201 | 5482,967 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,595 |
| 269,30 | 0,046 | 0,166 | 5482,972 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,595 |
| 269,40 | 0,037 | 0,132 | 5482,976 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,595 |
| 269,50 | 0,027 | 0,098 | 5482,979 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,594 |
| 269,60 | 0,018 | 0,063 | 5482,981 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,594 |
| 269,70 | 0,008 | 0,029 | 5482,982 | -0,095 | 0,00 | 900 | 0,00 | 0 | 0,0000 | 1,030 | 110,594 |
| КОНЕЦ ВЫБЕГА | | | | | | | | | | | |
| Общая дистанция-5482,982 м.;дистанция выбега-3612,626 м.;время выбега-222,2 с.;общее время 269,7 с. | | | | | | | | | | | |

**Выводы:**

В ходе моделирования мы получили следующие основные характеристики:

- Разгон до 100 км/ч: t2=10.8 с (Паспортные данные: t1= 10.2c).

- Разгон на 400 м.: 17.4 с

- Разгон на 1000 м.: 31.1 с

- Условная максимальная скорость207: км/ч.

- При выбеге пройден путь , 3612.626м за 222.2 с.

- Моделируемый объект не достиг максимальной скорости, пройдя 2000 м. Скорость составила 192.241 км/ч.

Погрешность моделирования:

= ((10.2-10.8)/10.8)\*100%=5.5%



### Список использованных источников.

1. Конспект лекций по дисциплине “Математическое моделирование производственных процессов” лектор Бармин В.А.

2. В.Н. Лата “Моделирование управляемого движения автомобиля”

3.Интернет страницы: http://www.avtobozar.ru