Unit n°79.3

An e-conjecture

First draft

Basierend auf einer begrenzten Anzahl von positiven Beispielen formulierte Vermutung:

Jeder endliche algebraische Term T_e , der e und natürliche Zahlen enthält, lässt sich durch einen unendlichen einfachen Kettenbruch (vgl. Unit 30.1) darstellen
$scf\left(T_e\right)=\left[a_0;a_1,a_2,a_3,a_4,a_5,\ldots\right]$.

$scf\left(T_e\right)$ besitzt folgende Eigenschaften:

** $scf\left(T_e\right)$ besteht aus einem „Einschwingteil“
$scf\left(T_e\right)_{tr}=\left[a_0;a_1,a_2,a_3,\ldots,a_k\right]$
und dem nachfolgenden quasiperiodischen stationären Teil, der in gleichgroße Blöcke zerlegbar ist (Block 1, Block 2, …)

** Dieser stationäre Teil besteht aus einer oder mehreren ansteigenden arithmetischen „backbone“-Zahlenfolgen („Himmelsleitern“) und dazwischen liegenden kleinzahligen „Rauschsnips“.

** Löscht man im stationären Teil die backbones, so besteht das verbleibende Rauschen aus sich in Blöcken periodisch wiederholenden kleinzahligen Rauschsequenzen.

** Die kleinste in diesem Rauschblock auftretende Zahl ist 1, die größte, der „Leuchtturm“ L, ist durch T_e bestimmt.

** Damit tritt L im gesamten stationären Teil von $scf\left(T_e\right)$ signifikant periodisch auf, ist also ein T_e-Marker.

Beispiel 1

$$scf\left(e^2\right) = [7;2,1,1,3,18,5,1,1,6,30,8,1,1,9,42,11,...]$$

$$= [7;2,$$ transient

$1,1,3,18,5,$ stationary, block 1

$1,1,6,30,8,$ block 2

$1,1,9,42,11,$ block 3

$1,1,3i,6(2i+1),3i+2,...$ block i

$\downarrow \downarrow \quad \downarrow \quad \downarrow$

$\downarrow$ bb1 bb2 backbone 3

$\downarrow$ $s=3$ $s=12$ slope $=3$

noise snip

$$scf\left(e^2\right)_{noise} = [1;1,1,1,1,1,1,...] = scf\left(\Phi\right)$$

$$= scf\left(\frac{1}{2}\left(\sqrt{5}+1\right)\right)$$

L = 1

Beispiel 2

$$scf\left(\frac{\sqrt[8]{e}}{3-2\sqrt[8]{e}}\right) =$$

[1; 1, transient

1, 5, 7, 1, 5, 13, 5, 1, 17, stationary, block 1
1, 5, 23, 1, 5, 29, 5, 1, 33,

1, 5, 39, 1, 5, 45, 5, 1, 49, block 2

1, 5, 55, 1, 5, 61, 5, 1, 65,

1, 5, 71, 1, 5, 77, 5, 1, 81, block 3
1, 5, 87, 1, 5, 93, 5, 1, 97,

1, 5, 103, 1, 5, 109, 5, 1, 113, block 4
1, 5, 119, 1, 5, 125, 5, 1, 129,

1, 5, 135, 1, 5, 141, 5, 1, 145, block 5
1, 5, 151, 1, 5, 157, 5, 1, 161,

1, 5, 167, 1, 5, 173, 5, 1, 177, block 6
1, 5, 183, 1, 5, 189, 5, 1, 193,

1, 5, 199, 1, 5, 205, 5, 1, 209, block 7
1, 5, 215, 1, 5, 221, 5, 1, 225,

1, 5, 231, 1, 5, 237, 5, 1, 241, block 8
1, 5, 247, 1, 5, 253, 5, 1, 257,

1, 5, 263, 1, 5, 269, 5, 1, 273, block 9
1, 5, 279, 1, 5, 285, 5, 1, 289, …

Analysis of the stationary part

** 6 arithmetic backbone sequences
7,39,71,103,135,167,199,231,263,…
13,45,77,109,141,173,205,237,269,…
17,49,81,113,145,177,209,241,273,…
23,55,87,119,151,183,215,247,279,…
29,61,93,125,157,189,221,253,285,…
33,65,97,129,161,193,225,257,289,…
with the slope 32

** 2 different noise snips pro block
1,5
5,1

** $\left(scf\left(\frac{\sqrt[8]{e}}{3-2\sqrt[8]{e}} \right) \right)_{noise} = [1;5,1,5,5,1,per]$

$= scf\left(\frac{1}{6}\left(1+\sqrt{\frac{109}{3}} \right) \right)$

** L = 5 = 1*6 -1

Beispiel 3

$scf\left(5*\frac{\sqrt[8]{e}}{3-2\sqrt[8]{e}} \right) = [7;\ 1,\ 2,\ 1,\ 1,\ 2,$

29, 2, 1, 1, 1, 2, 1, 2, 3, 2, 1, 2, 1, 1, 1, 4, 5, 1, 145, 1, 5, 6, 1, 3, 3, 2, 7, 1, 1, 3, 4, 8, 1, 5, 253, 5, 1, 10, 2, 1, 2, 1, 1, 1, 11, 1, 1, 1, 2, 1, 2, 12, 1, 29, 14, 2, 1, 2, 1, 1, 1, 14, 1, 5, 413, 5, 1, 16, 1, 3, 3, 2, 18, 4, 3, 1, 1, 19, 5, 1, 519, 5, 1, 21, 29, 1, 21, 1, 29, 23, 1, 29, 25, 29, 1, 25, 5, 1, 679, 5, 1, 27, 2, 3, 3, 1, 28, 1, 1, 3, 4, 30, 5, 1, 785, 1, 5, 32, 2, 1, 2, 1, 1, 1, 32, 1,

29, 34, 1, 1, 1, 2, 1, 2, 35, 2, 1, 2, 1, 1, 1, 36, 5, 1, 945, 1, 5, 38, 1, 3, 3, 2, 39, 1, 1, 3, 4, 40, 1, 5, 1053, 5, 1, 42, 2, 1, 2, 1, 1, 1, 43, 1, 1, 1, 2, 1, 2, 44, 1, 29, 46, 2, 1, 2, 1, 1,1, 46, 1, 5, 1213, 5, 1, 48, 1, 3, 3, 2, 50, 4, 3, 1, 1, 51, 5, 1, 1319, 5, 1, 53, 29, 1,53, 1, 29, 55, 1, 29, 57, 29, 1, 57, 5, 1, 1479, 5, 1, 59, 2, 3, 3, 1, 60, 1, 1, 3, 4, 62, 5, 1, 1585, 1, 5, 64, 2, 1, 2, 1, 1, 1, 64, 1,

29, 66, 1, 1, 1, 2, 1, 2, 67, 2, 1, 2,1, 1, 1, 68, 5, 1, 1745, 1, 5, 70, 1, 3, 3, 2, 71, 1, 1, 3, 4, 72, 1, 5, 1853, 5, 1, 74, 2, 1, 2, 1, 1, 1, 75, 1, 1, 1, 2, 1, 2, 76, 1, 29, 78, 2, 1, 2, 1, 1, 1, 78, 1, 5, 2013, 5, 1, 80, 1, 3, 3, 2, 82, 4, 3, 1, 1, 83, 5, 1, 2119, 5, 1, 85, 29, 1, 85, 1, 29, 87, 1, 29, 89, 29, 1, 89, 5, 1, 2279, 5, 1, 91, 2, 3, 3, 1, 92, 1, 1, 3, 4, 94, 5, 1, 2385, 1, 5, 96, 2, 1, 2, 1, 1, 1, 96, 1,

29, 98, 1, 1, 1, 2, 1, 2, 99, 2, 1, 2, 1, 1, 1, 100, 5, 1, 2545, 1, 5, 102, 1, 3, 3, 2, 103, 1, 1, 3, 4, 104, 1, 5, 2653, 5, 1, 106, 2, 1, 2, 1, 1, 1, 107, 1, 1, 1, 2, 1, 2, 108, 1, 29, 110, 2, 1, 2, 1, 1, 1, 110, 1, 5, 2813, 5, 1, 112, 1, 3, 3, 2, 114, 4, 3, 1, 1, 115, 5, 1, 2919, 5, 1, 117, 29, 1, 117, 1, 29, 119, 1, 29, 121, 29, 1, 121, 5, 1, 3079, 5, 1, 123, 2, 3, 3, 1, 124, 1, 1, 3, 4, 126, 5, 1, 3185, …]

Analysis of the stationary part of $scf\left(5*\frac{\sqrt[8]{e}}{3-2\sqrt[8]{e}}\right)$

** 30 arithmetic backbone sequences

2,34,66,98,…	slope=32
3,35,67,99,…	s=32
4,36,68,100,…	s=32
145,945,1745,2545,…	s=800
6,38,70,102,…	s=32
7,39,71,103,…	s=32
8,40,72,104,…	s=32
253,1053,1853,2653,…	s=800
10,42,74,106,…	s=32
11,43,75,107,…	s=32
12,44,76,108,…	s=32
14.46,78,110,…	s=32
14.46,78,110,…	s=32

413,1213,2013,2813,… s=800
16,48,80,112,… s=32
18,50,82,114,… s=32
19,51,83,115,… s=32
519,1319,2119,2919,… s=800
21,53,85,117,… s=32
21,53,85,117,… s=32
23,55,87,119,… s=32
25,57,89,121,… s=32
25,57,89,121,… s=32
679,1479,2279,3079,… s=800
27,59,91,123,… s=32
28,60,92,124,… s=32
30,62,94,126,… s=32
785,1585,2385,3185,… s=800
32,64,96,128,… s=32
32,64,96,128,… s=32

** 10 different noise snips pro block
1, 1, 1, 2, 1, 2
2, 1, 2, 1, 1, 1
1, 1, 3, 4
4, 3, 1, 1
1, 3, 3, 2
2, 3, 3, 1
1, 5
5, 1
1, 29
29, 1

** $\left(scf\left(5\frac{\sqrt[8]{e}}{3-2\sqrt[8]{e}} \right) \right)_{noise} =$
[29, 1, 1, 1, 2, 1, 2, 2, 1, 2,1, 1, 1, 5, 1, 1, 5, 1, 3,

3, 2, 1, 1, 3, 4, 1, 5, 5, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1,
2, 1, 2, 1, 29, 2, 1, 2, 1, 1, 1, 1, 5, 5, 1, 1, 3, 3, 2,
4, 3, 1, 1, 5, 1, 5, 1, 29, 1, 1, 29, 1, 29, 29, 1, 5,
1, 5, 1, 2, 3, 3, 1, 1, 1, 3, 4, 5, 1, 1, 5, 2, 1, 2, 1,
1, 1, 1,*per*] = *scf*(?)

** L = 29 = 5*6 -1

Beispiel 4

$scf\left(11 * e\right)$ = [29; 1, 9, 8, 1, 98, 1, 2, 1, 142, 1, 2, 6, 2, 2, 6, 2,
1, 1, 21, 2,

21, 2, 21, 1, 1, 3, 7, 2, 3, 7, 2, 1, 1, 340, 1, 1,
2, 1, 1, 384, 1, 1, 2, 1, 6, 2, 1, 2, 1, 6, 2, 1, 3,
21, 1, 2, 1,

21, 4, 21, 1, 3, 3, 7, 4, 3, 7, 4, 1, 1, 582, 1, 1,
4, 1, 1, 626, 1, 1, 4, 1, 6, 2, 1, 4, 1, 6, 2, 1, 5,
21, 1, 4, 1,

21, 6, 21, 1, 5, 3, 7, 6, 3, 7, 6, 1, 1, 824, 1, 1,
6, 1, 1, 868, 1, 1, 6, 1, 6, 2, 1, 6, 1, 6, 2, 1, 7,
21, 1, 6, 1,

21, 8, 21, 1, 7, 3, 7, 8, 3, 7, 8, 1, 1, 1066, 1, 1,
8, 1, 1, 1110, 1, 1, 8, 1, 6, 2, 1, 8, 1, 6, 2, 1, 9,
21, 1, 8, 1,

21, 10, 21, 1, 9, 3, 7, 10, 3, 7, 10, 1, 1, 1308, 1, 1, 10, 1, 1,
1352, 1, 1, 10, 1, 6, 2, 1, 10, 1, 6, 2, 1, 11, 21, 1, 10, 1,

21, 12, 21, 1, 11, 3, 7, 12, 3, 7, 12, 1, 1, 1550, 1, 1, 12, 1, 1,
1594, 1, 1, 12, 1, 6, 2, 1, 12, 1, 6, 2, 1, 13, 21, 1, 12, 1,

21, 14, 21, 1, 13, 3, 7, 14, 3, 7, 14, 1, 1, 1792, 1, 1, 14, 1, 1,
1836, 1, 1, 14, 1, 6, 2, 1, 14, 1, 6, 2, 1, 15, 21, 1, 14, 1,

21, 16, 21, 1, 15, 3, 7, 16, 3, 7, 16, 1, 1, 2034, 1, 1, 16, 1, 1,
2078, 1, 1, 16, 1, 6, 2, 1, 16, 1, 6, 2, 1, 17, 21, 1, 16, 1,

21, 18, 21, 1, 17, 3, 7, 18, 3, 7, 18, 1, 1, 2276, 1, 1, 18, 1, 1,
2320, 1, 1, 18, 1, 6, 2, 1, 18, 1, 6, 2, 1, 19,
21, 1, 18, 1,

21, 20, 21, 1, 19, 3, 7, 20, 3, 7, 20, 1, 1, 2518, 1, 1, 20, 1, 1,
2562, 1, 1, 20, 1, 6, 2, 1, 20, 1, 6, 2, 1, 21, 21, 1, 20, 1, …]

Analysis of the stationary part of $scf\,(11*e)$

** 11 arithmetic backbone sequences

2,4,6,8,…	slope=2
1,3,5,7,…	s=2
2,4,6,8,…	s=2
2,4,6,8,…	s=2
340,582,824,1066,…	s=242
2,4,6,8,…	s=2
384,626,868,1110,…	s=242
2,4,6,8,…	s=2
2,4,6,8,…	s=2
3,5,7,9,…	s=2
2,4,6,8,…	s=2

** 4 different noise snips pro block

1,1
1,6,2,1
3,7
21,1

** $\left(scf\,(11*e)\ \right)_{noise}$ =
[21, 21, 1, 3, 7, 3, 7, 1, 1, 1, 1, 1, 1, 1, 1, 6, 2,
1, 1, 6, 2, 1, 21, 1, 1,*per*] = *scf*(?)

** L = 21 = 11*2 -1

Gesucht ist:

**1 Beweis der Vermutung oder

**2 Widerlegung der Vermutung durch ein Gegenbeispiel

**3 In diesem Falle durch weitere Beispiele gestützte Einschränkung oder Modifikation der Vermutung → korrigierte Vermutung

**4 Erneuter Anlauf **1

**5 Endprodukt der Rekursion.

Beziehen Sie Unit 30.1.2,3 in Ihre Überlegungen ein.

Wie steht es mit der Umkehrvermutung?

Besitzt ein gegebener unendlicher *scf* diese Struktur, so lässt er sich durch einen Term des Typs T_e darstellen. Finden Sie in diesem Fall den zugehörigen Algorithmus $scf \rightarrow T_e$.

Pro und contra, ein Experimentierfeld

Beispiel 5

$scf\left(3*e^2\right)$ = [22; 5,
1, 54, 1, 1, 5,
2, 90, 2, 1, 5,
3, 126, 3, 1, 5,
4, 162, 4, 1, 5,
5, 198, 5, 1, 5,
6, 234, 6, 1, 5,
7, 270, 7, 1, 5,
8, 306, 8, 1, 5,
9, 342, 9, 1, 5,
10, 378, 10, 1, 5,
11, 414, 11, 1, 5,
12, 450, 12, 1, 5,
13, 486, 13 ,1, 5,…]

Analysis of the stationary part of $scf\left(3*e^2\right)$

** 3 arithmetic backbone sequences
1,2,3,4,… slope=1
54,90,126,162,194,… s=36
1,2,3,4,… s=1

** 1 noise snip pro block
1,5

** $\left(scf\left(3*e^2\right)\right)_{noise}$ = [1; 5,*per*]

$$= scf\left(\frac{1}{2}\left(1+\frac{3}{5}\sqrt{5}\right)\right)$$

** L = 5 = 3*2 -1

Pro

Beispiel 6

$scf(e) = [2;1,$
2,1,1,4,1,1,6,1,1,8,1,1,10,1,1,12,1,1,…]

Analysis of the stationary part of $scf(3*e^2)$

** 1 arithmetic backbone sequence
2,4,6,8,… slope=2

** 1 noise snip pro block
1,1

** $(scf(3*e^2))_{noise}$ = [1; 1,*per*]

$= scf\left(\frac{1}{2}(1+\sqrt{5})\right)$

** L = 1 = 1*2 -1

Pro

Beispiel 7

$scf(\sqrt[n]{e}) = [1;$
n -1,1,1,
3n -1,1,1,
5n -1,1,1,
7n -1,1,1,...]

Analysis of the stationary part of $scf(\sqrt[n]{e})$

** 1 arithmetic backbone sequence

n-1,3n-1,5n-1,7n-1,… slope=2n

** 1 noise snip pro block
1,1

** $\left(scf\left(\sqrt[n]{e}\right)\right)_{noise}$ = [1; 1,*per*]

$= scf\left(\frac{1}{2}(1+\sqrt{5})\right)$

** L = 1 = 1*2 -1

Pro

Beispiel 8

$scf\left(\sqrt[3]{e^2}\right)$ = [1;

1,18,7,1,1,

10,54,16,1,1,

19,90,25,1,1,

28,126,34,1,1,

37,162,43,1,1,

46,198,52,1,1,...]

Analysis of the stationary part of $scf\left(\sqrt[3]{e^2}\right)$

** 3 arithmetic backbone sequences
1,10,19,28,37,46,… slope=9
18,54,90,126,162,198,… s=36
7,16,25,34,43,52,… s=9

** 1 noise snip pro block
1,1

** $\left(scf\left(\sqrt[3]{e^2}\right)\right)_{noise}$ = [1;1,*per*]

$= scf\left(\frac{1}{2}\left(1+\sqrt{5}\right)\right)$

** L = 1 = 1*2 -1

Pro

Beispiel 9

$scf\left(3*\sqrt{e}\right)=$

[4; 1, 17,
1, 1, 2, 1, 5, 4, 1, 1, 53,
1, 1, 6, 1, 5, 8, 1, 1, 89,
1, 1, 10, 1, 5, 12, 1, 1, 125,
1, 1, 14, 1, 5, 16, 1, 1, 161,
1, 1, 18, 1, 5, 20, 1, 1, 197,
1, 1, 22, 1, 5, 24, 1, 1, 233,
1, 1, 26, 1, 5, 28, 1, 1, 269,
1, 1, 30, 1, 5, 32, 1, 1, 305,
1, 1, 34, 1, 5, 36, 1, 1, 341,
1, 1, 38, 1, 5, 40, 1, 1, 377,
1, 1, 42, 1, 5, 44, 1, 1, 413,
1, 1, 46, 1, 5, 48, 1, 1, 449,
1, 1, 50, 1, 5, 52, 1, 1, 485,
1, 1, 54, 1, 5, 56, 1, 1, 521, …]

Analysis of the stationary part of $scf\left(3*\sqrt{e}\right)$

** 3 arithmetic backbone sequences
2,6,10,14,18,22,26,… slope=4
4,8,12,16,20,24,28,… s=4

53,89,125,161,197,233,… s=36

** 2 noise snips pro block

1,1

1,5

** $\left(scf\left(3*\sqrt{e}\right)\right)_{noise}$ = [1;1,1,5,*per*]

= *scf*(?)

** L = 5 = 3*2 -1

Pro

Beispiel 10

$scf\left(3*\sqrt[3]{e^2}\right)$=

[5; 1,

5, 2, 1, 1, 1, 5, 3, 2, 1,
17, 2, 1, 4, 1, 5, 6, 2, 1,
29, 2, 1, 7, 1, 5, 9, 2, 1,
41, 2, 1, 10, 1, 5, 12, 2, 1,
53, 2, 1, 13, 1, 5, 15, 2, 1,
65, 2, 1, 16, 1, 5, 18, 2, 1,
77, 2, 1, 19, 1, 5, 21, 2, 1,
89, 2, 1, 22, 1, 5, 24, 2, 1,
101, 2, 1, 25, 1, 5, 27, 2, 1,
113, 2, 1, 28, 1, 5, 30, 2, 1,
125, 2, 1, 31, 1, 5, 33, 2, 1,
137, 2, 1, 34, 1, 5, 36, 2, 1,
149, 2, 1, 37, 1, 5, 39, 2, 1,
161, 2, 1, 40, 1, 5, 42, 2, 1,
173, 2, 1, 43, 1, 5, 45, 2, 1,
185, 2, 1, 46, 1, 5, 48, 2, 1,
197, 2, 1, 49, 1, 5, 51, 2, 1,

209, 2, 1, 52, 1, 5, 54, 2, 1, …]

Analysis of the stationary part of $scf\left(3*\sqrt[3]{e^2}\right)$

** 3 arithmetic backbone sequences
5,17,29,41,53,65,… slope=12
1,4,7,10,13,16,19,… s=3
3,6,9,12,15,18,21, ,… s=3

** 2 different noise snips pro block
2,1
1,5

** $\left(scf\left(3*\sqrt[3]{e^2}\right)\right)_{noise}$ = [2;1,1,5,2,1,*per*]
= *scf*(?)

** L = 5 = 3*2 -1

Pro

Beispiel 11

$scf\left(2*\sqrt[3]{e^2}\right)$ =

[3; 1, 8, 1, 1, 3, 3, 1, 4,
1, 1, 26, 1, 1, 7, 1, 3, 9, 1, 1, 44, 1, 1, 12, 3, 1, 13,
1, 1, 62, 1, 1, 16, 1, 3, 18, 1, 1, 80, 1, 1, 21, 3, 1, 22,
1, 1, 98, 1, 1, 25, 1, 3, 27, 1, 1, 116, 1, 1, 30, 3, 1, 31,
1, 1, 134, 1, 1, 34, 1, 3, 36, 1, 1, 152, 1, 1, 39, 3, 1, 40, 1, 1,
170, 1, 1, 43, 1, 3, 45, 1, 1, 188, 1, 1, 48, 3, 1, 49, 1, 1, 206, 1,
1, 52, 1, 3, 54, 1, 1, 224, 1, 1, 57, 3, 1, 58, 1, 1, 242, 1, 1, 61,
1, 3, 63, 1, 1, 260, 1, 1, 66, 3, 1, 67, 1, 1, …]

Analysis of the stationary part of $scf\left(2*\sqrt[3]{e^2}\right)$

** 6 arithmetic backbone sequences

26,62,98,134,170,206,… slope=36
7,16,25,34,43,52,61,… s=9
9,18,27,36,45,54,63,… s=9
44,80,116,152,188,224,… s=36
12,21,30,39,48,57,66,… s=9
13,22,31,40,49,58,67,… s=9

** 3 different noise snips pro block

1,1
1,3
3,1

** $\left(scf\left(2*\sqrt[3]{e^2}\right)\right)_{noise}$ = [1;1,1,1,1,3,1,1,1,1,3,1,*per*]

= *scf*(?)

** L = 3 = 2*2 -1

Pro

Beispiel 12

$scf\left(15*\sqrt[7]{e}\right)$=

[17; 3, 3, 2, 1, 1, 2, 1, 2, 1, 1, 29, 3, 4, 3, 1, 1, 3, 1, 1, 1, 2, 1, 2, 4,

1, 3, 3, 2, 5, 1, 1, 1, 2, 1, 2, 6, 1, 1, 1, 2, 1, 2, 7, 1, 1, 3, 4, 8,
1, 1, 1, 2, 1, 2, 9, 2, 3, 3, 1, 9, 1, 29, 11, 1, 1, 1, 2, 1, 2, 12, 4, 3, 1, 1, 12,
1, 29, 14, 2, 3, 3, 1, 14, 1, 1, 1, 2, 1, 2, 15, 1, 29, 17, 4, 3, 1, 1, 17,
1, 1, 1, 2, 1, 2, 18,

1, 3, 3, 2, 19, 1, 1, 1, 2, 1, 2, 20, 1, 1, 1, 2, 1, 2, 21, 1, 1, 3, 4, 22,
1, 1, 1, 2, 1, 2, 23, 2, 3, 3, 1, 23, 1, 29, 25, 1, 1, 1, 2, 1, 2, 26, 4, 3, 1, 1, 26,
1, 29, 28, 2, 3, 3, 1, 28, 1, 1, 1, 2, 1, 2, 29, 1, 29, 31, 4, 3, 1, 1, 31,
1, 1, 1, 2, 1, 2, 32,

1, 3, 3, 2, 33, 1, 1, 1, 2, 1, 2, 34, 1, 1, 1, 2, 1, 2, 35, 1, 1, 3, 4, 36,
1, 1, 1, 2, 1, 2, 37, 2, 3, 3, 1, 37, 1, 29, 39, 1, 1, 1, 2, 1, 2, 40, 4, 3, 1, 1, 40,
1, 29, 42, 2, 3, 3, 1, 42, 1, 1, 1, 2, 1, 2, 43, 1, 29, 45, 4, 3, 1, 1, 45,
1, 1, 1, 2, 1, 2, 46,

1, 3, 3, 2, 47, 1, 1, 1, 2, 1, 2, 48, 1, 1, 1, 2, 1, 2, 49, 1, 1, 3, 4, 50,
1, 1, 1, 2, 1, 2, 51, 2, 3, 3, 1, 51, 1, 29, 53, 1, 1, 1, 2, 1, 2, 54, 4, 3, 1, 1, 54,
1, 29, 56, 2, 3, 3, 1, 56, 1, 1, 1, 2, 1, 2, 57, 1, 29, 59, 4, 3, 1, 1, 59,
1, 1, 1, 2, 1, 2, 60,

1, 3, 3, 2, 61, 1, 1, 1, 2, 1, 2, 62, 1, 1, 1, 2, 1, 2, 63, 1, 1, 3, 4, 64,
1, 1, 1, 2, 1, 2, 65, 2, 3, 3, 1, 65, 1, 29, 67, 1, 1, 1, 2, 1, 2, 68, 4, 3, 1, 1, 68,
1, 29, 70, 2, 3, 3, 1, 70, 1, 1, 1, 2, 1, 2, 71, 1, 29, 73, 4, 3, 1, 1, 73,
1, 1, 1, 2, 1, 2, 74,

1, 3, 3, 2, 75, 1, 1, 1, 2, 1, 2, 76, 1, 1, 1, 2, 1, 2, 77, 1, 1, 3, 4, 78,
1, 1, 1, 2, 1, 2, 79, 2, 3, 3, 1, 79, 1, 29, 81, 1, 1, 1, 2, 1, 2, 82, 4, 3, 1, 1, 82,
1, 29, 84, 2, 3, 3, 1, 84, 1, 1, 1, 2, 1, 2, 85, 1, 29, 87, 4, 3, 1, 1, 87,
1, 1, 1, 2, 1, 2, 88,

1, 3, 3, 2, 89, 1, 1, 1, 2, 1, 2, 90, 1, 1, 1, 2, 1, 2, 91, 1, 1, 3, 4, 92,
1, 1, 1, 2, 1, 2, 93, 2, 3, 3, 1, 93, 1, 29, 95, 1, 1, 1, 2, 1, 2, 96, 4, 3, 1, 1, 96,
1, 29, 98, 2, 3, 3, 1, 98, 1, 1, 1, 2, 1, 2, 99, 1, 29, 101, 4, 3, 1, 1, 101,
1, 1, 1, 2, 1, 2, 102,…]

Analysis of the stationary part of $scf\left(15*\sqrt[7]{e}\right)$

** 15 arithmetic backbone sequences

5,19,33,47,61,75,89,…	slope=14
6,20,34,48,62,76,90,…	s=14
7,21,35,49,63,77.91,…	s=14
8,22,36,50,64,78,92,…	s=14
9,23,37,51,65,79,93,…	s=14
9,23,37,51,65,79,93,…	s=14
11,25,39,53,67,81,95,…	s=14
12,26,40,54,68,82,96,…	s=14
12,26,40,54,68,82,96,…	s=14
14,28,42,56,70,84,98,…	s=14
14,28,42,56,70,84,98,…	s=14

15,29,43,57,71,85,99,… s=14
17,31,45,59,73,87,101,… s=14
17,31,45,59,73,87,101,… s=14
18,32,46,60,74,88,102,… s=14

** 7 different noise snips pro block
1,1,1,2,1,2
1,1,3,4
4,3,1,1
1,3,3,2
2,3,3,1
1,29
29,1

** $\left(scf\left(15*\sqrt[7]{e}\right)\right)_{noise}$ =
[1, 3, 3, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 3, 4, 1, 1, 1, 2, 1, 2, 2, 3, 3,
1, 1, 29, 1, 1, 1, 2, 1, 2, 4, 3, 1, 1, 1, 29, 2, 3, 3, 1, 1, 1, 1, 2, 1, 2, 1, 29, 4,
3, 1, 1, 1, 1, 1, 2, 1, 2]
= *scf*(?)

** L = 29 = 15*2 -1

Pro

Beispiel 13

$scf\left(\sqrt[13]{e^2}\right)$=
[1; 6, 78, 32,
1, 1, 45, 234, 71,
1, 1, 84, 390, 110,
1, 1, 123, 546, 149,
1, 1, 162, 702, 188,

1, 1, 201, 858, 227,
1, 1, 240, 1014, 266,
1, 1, 279, 1170, 305,
1, 1, 318, 1326, 344,
1, 1, 357, 1482, 383,
1, 1, 396, 1638, 422,
1, 1, 435, 1794, 461,
1, 1, 474, 1950, 500,
1, 1, 513, 2106, 539,
1, 1, 552, 2262, 578, …]

Analysis of the stationary part of $scf\left(\sqrt[13]{e^2}\right)$

** 3 arithmetic backbone sequences
45,84,123,162,201,240,… slope=39
234,390,546,702,858,1014,… s=156
71,110,149,188,227,266,… s=39

** 1 noise snip pro block
1,1

** $\left(scf\left(\sqrt[13]{e^2}\right)\right)_{noise}$ = [1; 1,*per*]

$$= scf\left(\frac{1}{2}\left(1+\sqrt{5}\right)\right)$$

** L = 1 = 1*2 -1

Pro

Beispiel 14

Analysieren Sie

$$scf\left(\sqrt[5]{e^4}\right)=$$

[2; 4, 2, 3, 3, 1, 1, 1, 2, 3, 1, 7, 1, 1, 1, 3, 1, 98, 1, 5, 2, 6, 1, 2, 4, 2, 1, 1, 1, 2, 2, 2, 8, 6, 2, 32, 2, 1, 13, 1, 4, 2, 10, 8, 4, 4, 2, 73, 2, 4, 1, 3, 1, 9, 1, 5, 2, 1, 1, 4, 1, 2, 1, 1, 1, 1, 3, 2, 11, 2, 4, 5, 2, 28, 2, 5, 32, 7, 1, 2, 2, 77, 1, 1, 1, 3, 1, 6, 6, 1, 2, 2, 2, 1, 1, 2, 41, 4, 2, 1, 5, 19, 1, 1, 4, 1, 1, 5, 2, 1, 3, 59, 1, 15, 1, 2, 20, 1, 8, 3, 1, 1, 1, 1, 5, 2, 1, 8, 12, 2, 3, 7, 1, 2, 1, 1, 16, 1, 2, 4, 2, 2, 1, 4, 1, 1, 20, 2, 4, 4, 2, 1, 1, 3, 11, 2, 1, 11, 1, 8, 3, 1, 3, 3, 16, 2, 5, 2, 6, 1, 2, 13, 2, 1, 1, 17, 1, 3, 1, 1, 9, 1, 24, 4, 1, 1, 23, 1, 2, 1, 1, 2, 1, 2, 9, 4, 2, 28, 2, 2, 1, 1, 1, 1, 55, 3, 2, 4, 2, 1, 1, 12, 36, 3, 1, 6, 1, 79, 474, 1, 2, 46, 12, 2, 1, 1, 24, 1, 30, 4, 1, 1, 1, 1, 4, 1, 1, 5, 1, 31, 6, 2, 39, 2, 367, 2, 5, 2, 2, 2, 6, 1, 1, 2, 1, 5, 4, 1, 2, 2, 16, 2, 1, 4, 1, 62, 1, 2, 2, 1, 2, 1, 1, 1, 5, 1, 1, 2, 1, 5, 1, 5, 1, 1, 3, 1, 4, 2, 2, 1, 1, 30, 6, 1, 5, 1, 1, 10, 1, 4, 118, 1, 2, 5, 3, 1, 8, 2, 2, 1, 2, 1, 2, 4, 2, 1, 4, 1, 6, 2, 2, 7, 1, 1, 1, 4, 67, 5, 64, 5, 1, 6, 1, 4, 3, 1, 22, 11, 6, 1, 2, 2, 1, 4, 3, 1, 2, 2, 3, 1, 11, 1, 10, 15, 1, 2, 2, 6, 1, 10, 1, 2, 11, 1, 1, 1, 4, 27, 5, 3, 29, 1, 1, 2, 2, 1, 1, 67, 1, 15, 1, 15, 1, 5, 1, 3, 2, 2, 2, 1, 1, 6, 1, 1, 3, 2, 11, 1, 2, 105, 1, 2, 1, 2, 3, 148, 1, 1, 2, 3, 1, 1, 3, 1, 1, 4, 2, 4, 1, 1, 1, 1, 2, 6, 12, 2, 1, 129, 1, 1, 1, 18, 4, 1, 1, 7, 1, 3, 1, 1, 2, 3, 3, 10, 1, 1, 58, 2, 4, 1, 2, 1, 4, 19, 1, 2, 20, 1, 1, 1, 80, 10, 1, 1, 2, 2, 2, 6, 2, 87, 2, 1, 2, 1, 1, 5, 1, 6, 1, 1, 1, 7, 2, 1, 2, 44, 1, 11, 3, 4, 4, 4, 1, 1, 6, 3, 2, 3, 2, 2, 6, 1, 1, 10, 1, 3, 3, 1, 1, 35, 1, 15, 2, 1, 1, 1, 3, 1, 1, 11, 1, 1, 3, 4, 2, 3, 1, 6, 1, 1, 33, 1, 1, 5, 16, 1, 9, 1, 1, 1, 3, 4, 1, 3, 1, 7, 1, 5, 1, 7, 1, 1, 11, 1, 1, 1, 4, 2, 4, 5, 4, 1, 1, 1, 8, 1, 4, 5, 4, 4, 1, 2, 13, 21, 1, 6, 13, 3, 3, 2, 1, 2, 1, 3, 3, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 8, 2, 6, 45, 3, 2, 1, 1, 2, 1, 20, 1, 2, 1, 1, 12, 149, 8, 1, 3, 1, 6, 3, 7, 2, 10, 7, 13, 2, 1, 1, 2, 1, 3, 1, 3, 1,10, 14, 3, 28, 1, 1, 8, 2, 1, 6, 1, 4, 6, 177, 1, 6, 1, 1, 1, 2, 6, 1, 1, 2, 1, 2, 1, 72, 8, 40, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 12, 1, 8671, 320, 2, 1, 2, 40, 2, 1, 1, 1, 3,

3, 1, 3, 12, 1, 25, 1, 1, 1, 43, 1, 5, 4, 9, 1, 2, 5, 4, 1, 2, 3, 1, 1, 2, 10, 2, 40, 1, 1, 1, 51, 1, 9, 1, 1, 2, 3, 1, 10, 23, 2, 3, 1, 1, 1, 14, 1, 3, 1, 1, 1, 1, 1, 2, 2, 6, 2, 4, 16, 2, 3, 1, 3, 1, 2, 3, 1, 1, 1, 2, 1, 6, 1, 16, 5, 7, 5, 2, 1, 2, 13, 1, 2, 8, 2, 1, 11, 1, 41, 1, 1, 1, 1, 1, 2, 1, 28, 4, 3, 16, 1, 1, 1, 3, 2, 1, 7, 2, 1, 5, 1, 1, 1, 9, 2, 1, 2, 4, 1, 62, 1, 4, 1, 1, 3, 1, 1, 1, 1, 3, 1, 38, 4, 1, 11, 1, 3, 3, 1, 2, 8, 1, 1, 3, 3, 5, 1, 7, 1, 16, 1, 4, 1, 1, 5, 1, 2, 4, 4, 43, 8, 5, 6, 3, 1, 3, 5, 16, 8, 1, 1, 3, 1, …]

Beispiel 15

Analysieren Sie

$scf\left(e^3\right)=$

[20;11,1,2,4,3, 1, 5, 1, 2, 16, 1, 1, 16, 2, 13, 14, 4, 6, 2, 1, 1, 2, 2, 2, 3, 5, 1, 3, 1, 1, 68, 7, 5, 1, 4, 2, 1, 1, 1, 1, 1, 1, 7, 3, 1, 6, 1, 2, 5, 4, 7, 2, 1, 3, 2, 2, 1, 2, 1, 4, 1, 1, 13, 1, 1, 2, 1, 1, 1, 1, 3, 7, 11, 18, 54, 1, 2, 2, 2, 1, 1, 6, 2, 2, 46, 2, 189, 1, 24, 1, 8, 13, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 7, 5, 4, 3, 8, 1, 1, 1, 2, 8, 1, 1, 1, 1, 3, 1, 3, 2, 1, 2, 6, 3, 15, 4, 1, 1, 77, 1, 2, 492, 1, 1, 48, 4, 6, 2, 7, 1, 9, 2, 1, 3, 6, 1, 15, 1, 4, 7, 1, 1, 1, 4, 1, 3, 1, 34, 3, 5, 16, 4, 1, 6, 4, 1, 1, 9, 2, 67, 3, 3, 3, 110, 1, 1, 1, 2, 1, 1, 4, 27, 6, 2, 11, 1, 3, 4, 1, 8, 4, 1, 1, 13, 9, 1, 2, 1, 2, 1, 19, 2, 4, 3, 24, 1, 5, 3, 1, 739, 1, 62, 1, 1, 2, 1, 5, 1, 2, 5, 1, 1, 6, 1, 1, 23, 1, 3, 1, 2, 3, 35, 1, 2, 2, 1, 3, 2, 3, 4, 1, 9, 2566, 12, 8, 3, 9, 1, 2, 2, 1, 1, 1, 13, 5, 1, 1, 1, 3, 1, 1, 1, 423, 1, 3, 1, 1, 2, 4, 1, 1, 1, 1, 11, 9, 1, 1, 71, 1, 1, 2, 1, 1, 3, 2, 1, 1, 3, 694, 1, 1, 3, 1, 1, 21, 3, 3, 1, 3, 1, 51, 1, 17, 1, 4, 21, 1, 66, 1, 17, 6, 3, 1, 1, 3, 3, 1, 1, 1, 3, 2, 2, 3, 5, 23, 1, 2, 42, 4, 1, 1, 1, 3, 1, 3, 1, 71, 1, 1, 4, 1, 3, 1, 11, 3, 3, 4, 2, 16, 4, 2, 5, 1, 1, 2, 1, 7, 5, 1, 8, 14, 1, 5, 3, 1, 6, 1, 5, 2, 42, 1, 4, 1, 2, 2, 1, 1, 3, 6, 1, 1, 1, 28, 3, 2, 1, 5885, 3, 1, 1, 47, 6, 1, 5, 11, 2, 3, 3, 5, 1, 1, 2, 1, 1, 3, 2, 1, 22, 12, 1, 2, 1, 1, 1, 2, 2, 1, 4, 19, 1, 1, 3, 1, 26, 2, 4, 3, 3, 1, 1, 1, 3, 337, 5, 2, 1, 4, 1, 2, 1, 2, 1, 3, 1, 1, 1, 1, 1, 9, 24, 113, 1, 10, 1, 1, 2, 3, 1, 7, 1, 3, 1, 2, 9, 4, 6, 2, 2, 1, 1, 3, 1, 10, 4, 2, 1, 2, 3, 1, 1, 1, 10, 13, 2, 8, 1, 10, 1, 7, 4, 2, 3, 1, 3, 2, 62, 7, 24, 4, 1, 5, 6, 5, 2, 2, 4, 1, 1, 48, 5, 3, 1, 1, 1, 6, 10, 2, 2, 47, 1, 8, 7, 1, 4, 2, 1, 3, 2, 5, 1, 286, 1, 1, 1, 85, 2, 1, 12, 2, 1, 4, 2, 9, 13, 1, 2, 3, 3, 1, 1, 1, 3, 5, 3, 1, 2, 7, 5, 1, 16, 8, 1, 81, 2, 2, 1, 3, 1, 2, 3, 1, 1, 2, 1, 1, 7, 770, 2, 1, 1, 5, 1, 37, 45, 3, 1, 1, 10, 1, 4, 2, 4, 1, 1, 1, 1, 6, 1, 76, 3, 1, 2, 3, 1, 15, 2, 116, 15, 2, 6, 1, 1, 1, 6, 29, 26, 3, 3, 1, 4, 3, 2, 1, 14, 4, 1, 1, 3, 4, 19, 1, 1, 30, 58, 2, 1, 17, 5, 6, 2, 1, 2, 2, 48, 1, 5, 20, 1, 12, 2, 1, 1, 4, 13, 2, 1, 1, 1, 2, 2, 1, 4, 4, 1, 17, 2, 1, 1, 3, 1, 4, 9, 1, 7, 1, 10, 27, 1, 8, 1, 2, 2, 1, 2, 5, 2, 2, 1, 168, 1, 1, 14, 1, 2, 2, 2, 2, 2, 6, 1, 3, 1, 4, 1, 8, 1, 2, 2, 1, 1, 4, 27, 4, 1, 1, 29, 1, 1, 1, 6, 1, 8, 7, 4, 1, 1, 1, 12, 3, 4, 203, 34, 2, 1, 4, 2, 1, 1,

50, 26, 10, 15, 1, 39, 1, 1, 1, 3, 7, 1, 2, 1, 2, 1, 7, 1, 1, 1, 1, 1, 3, 1, 40, 3, 5, 1,
3, 1, 41, 2, 7, 7, 1, 6, 1, 34, 1, 19, 1, 1, 3, 1, 92, 1, 1, 3, 1, 1, 1, 20, 4, 3, 1, 3,
3, 2, 2, 5, 10, 10, 1, 17, 2, 1, 1, 2, 1, 1, 1, 2, 1, 1, 218, 2, 2, 3, 12, 3, 1, 1, 3, 1,
6, 5, 2, 12, 5, 1, 22, 1, 5, 2, 1, 1, 8, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 55, 2, 18, 2, 1, 5,
39, 3, 1, 5, 8, 2, 1, 8, 3, 5, 1, 1, 25, 3, 1, 2, 1, 1, 4, 1, 6, 3, 1, 1, 1, 9, 10, 1, 2,
1, 3, 1, 1, 5, 1, 1, 2, 52, 5, 1, 1, 1, 3, 1, 46, 1, 2, 2, 1, 1, 4, 1, 7, 2, 1, 2, 7, 1,
5, 1, 8, 1, 1, 2, 1, 37, 8, 5, 3, 1, 1, 1, 6, 1, 9, 1, 7, 4, 35, 1, 2, 1, 1, 18, 1, 178,
3, 1, 5, 8, 4, 2, 1, 1, 1, 6, 1, 12, 5, 4, 1, 3, 1, 11, 5, 2, 5, 1, 1, 5, 4, 191, 1, 10,
3, 14, 8, 3, 2, 7, 1, 1, 45, 3, 14, 2, 3, 2, 4, 19, 2, 1, 1, 1, 4, 1, 1, 1, 1, 1, 365, 4,
7, 14, 1, 9, 1, 1, 2, 1, 1, 16, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 3, 3, 1, 1, 1, 1, 2, 1,
3, 25, 2, 365, 1, 1, 1, 2, 3, 1, 2, 5, 26, 2, 30, 6, 10, 15, 3, 1, 1, 1, 4, 2, 24, 2, 1,
4, 1, 1, 1, 22, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 48, 1, 5, 2, 1, 2, 1, 8, 1, 3, 6, 1, 2, 1,
30, 1, 77, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 195, 1, 1, 5, 1, 1, 1, 1, 1, 2, 3, 5, 2,
2, 2, 1, 2, 2, 1, 6, 3, 150, 1, 12, 2, 4329, 1, 4, 47, 1, 1, 1, 3, 204, 2, 15, 2, 1, 1,
1, 2, 1, 10, 2, 1, 2, 16, 1, 1, 8, 1, 22, 19, 16, 1, 1, 1, 6, 1, 3, 3, 2, 9, 1, 1, 10, 1,
41, 4, 2, 7, 2, 5, 1, 3, 3, 1, 1, 1, 1, 214, 1, 3, 10, 5, 2, 12, 1, 5, 2, 1, 128, 1, 2,
6, 1, 5, 3, 1, 2, 3, 2, 2, 5, 2, 31, 1, 1, 26, 3, 7, 2, 4, 2, 2, 1, 1, 1, 2, 3, 2, 1, 2,
5, 11, 1, 48, 1, 2301, 1, 14, 33, 1, 1, 2, 2, 14, 1, 1, 5, 1, 115, 1, 1, 25, 5, 13, 3,
16, 1, 1, 2, 2, 6, 1, 1, 3, 1, 4, 22, 13, 1, 23, 1, 3, 1, 4, 1, 1, 2, 1, 7, 1, 15, 2, 4,
55, 1, 13, 1, 11, 4, 3, 7, 8, 4, 1, 1, 1, 2, 9, 18, 1, 2, 2, 1, 4, 3, 5, 1, 1, 2, 3, 2,
3, 1, 7, 6, 1, 1, 2, 1, 2, 257, 4, 3, 1, 4, 2, 17, 1, 4, 410, 1, 3, 1, 1, 3, 20, 1, 15,
2, 2, 2, 2, 4, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 7, 1, 3, 3, 1, 1, 6, 6, 8, 1, 4, 4, 1, 1, 1,
12, 2, 7, 3, 1, 1, 2, 1, 5, 3, 1, 4, 3, 11, 1, 3, 3, 2, 6, 3, 2, 12, 3, 2, 1, 2, 1, 175,
38, 1, 1, 11, 4, 4, 3, 1, 4, 2, 2, 8, 8, 9, 1, 2, 1, 2, 17, 1, 12, 1, 1, 1, 2, 6, 3, 4,
2, 15, 1, 27, 1, 1, 1, 1, 2, 30, 1, 11, 1, 8, 5, 1, 3, 3, 2, 7, 18, 1, 48, 1, 1, 2, 1, 2,
1, 2, 1, 4, 2, 5, 1, 4, 3, 1, 1, 1, 7, 1, 1, 1, 1, 2, 2, 2, 5, 6, 2, 1, 3, 1, 9, 32, 1,
1, 1, 2, 9, 1, 2, 1, 3, 75, 4, 9, 1, 1, 2, 1, 2, 34, 1, 18, 1, 2, 1, 1, 8, 2, 2, 3, 3, 1,
2, 4, 37, 6, 1, 2, 1, 1, 1, 8, 1, 6, 1, 2, 4, 89, 7, 5, 1, 2, 3, 2, 15, 210, 1, 1, 1, 3,
4, 1, 2, 2, 4, 1, 9, 2, 1, 3, 6, 6, 5, 1, 2, 1, 1, 25, 1, 7, 2, 1, 3, 1, 1, 14, 4, 1, 4,
1, 7, 2, 3, 5, 1, 4, 1, 6, 1, 1, 6, 3, 1, 10, 1, 4, 11, 28, 2, 1, 2, 1, 1, 1, 5, 1, 43,
2, 14, 6, 1, 6, 3, 2, 9, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 1, 9, 1, 1, 3, 47, 1, 8, 1,
14, 1, 5, 4, 1, 5, 4, 4, 2, 1, 5, 1, 5, 1, 10, 1, 7, 1, 6, 1, 6, 1, 1, 1, 2, 2, 6, 7, 1,
2, 4, 1, 15, 2, 25, 2, 1, 6, 4, 1, 6, 1, 4, 1, 1, 5, 1, 1, 17, 7, 1, 2, 12, 1, 10, 6, 1,
15, 1, 12, 1, 4, 4, 1, 1, 1, 2, 1, 1, 1, 114, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1,
1, 3, 1, 7, 1, 3, 1, 1, 11, 23, 1, 1, 4, 1, 1, 5, 17, 6, 2, 1, 3, 1, 1, 1, 44, 2, 1, 11,
2, 6, 5, 1, 8, 1, 2, 14, 1, 11, 4, 4, 1, 1, 1, 1, 1, 37, 91, 1, 2, 3, 1, 1, 42, 14, 2,
4, 1, 7, 2, 1, 1, 1, 3, 4, 120, 1, 3, 1, 3, 1, 1, 4, 19, 7, 3, 1, 6, 17, 1, 1, 2, 1, 2,
2, 8, 2, 2, 2, 1, 1, 1, 2, 1, 1, 3, 8, 3, 11, 1, 5, 1, 2, 2, 12, 3, 4, 2, 1, 6, 1, 1, 4,
1, 1, 4, 1, 1, 2, 1, 1, 2, 5, 1, 7, 1, 2, 11, 3, 2, 1, 1, 1, 2, 3, 2, 5, 1, 1, 3, 7, 4,
1, 1, 3, 4, 1, 1, 1, 1, 1, 7, 1, 24, 2, 1, 4, 3, 1, 1, 25, 1, 1, 2, 5, 2, 1, 7, 1, 11, 1,
4, 1, 32, 12, 1, 2, 1, 3, 1, 6, 12, 4, 1, 2, 3, 1, 19, 1, 2, 2, 1, 1, 2, 2, 5, 1, 1, 9,
1, 7, 3, 17, 3, 1, 3, 19, 1, 2, 3, 5, 1, 9, 1, 2, 1, 3, 2, 1, 23, 15, 11, 1, 2, 14, 3,
4, 2, 5, 1, 2, 11, 1, 1, 12, 1, 2, 1, 1, 1, 1, 5, 6, 19, 1, 11, 1, 1, 2, 3, 2, 3, 7, 5,
4, 2, 4, 72, 1, 1, 12, 4, 1, 2, 2, 1, 13, 9, 10, 1, 2, 3, 1, 1, 126, 1, 6, 3, 52, 1, 1,

1, 2, 4, 1, 2564, 8, 2, 17, 2, 619, 2, 13, 23, 1, 6, 7, 1, 3, 1, 443, 3, 1, 3, 1, 2, 1,
2, 1, 1, 2, 2, 3, 2, 1, 2, 1, 12, 2, 2, 1, 1, 2, 1, 1, 1, 2, 36, 7, 12, 4, 5, 4, 9, 3, 1,
7, 1, 5, 35, 2, 26, 6, 1, 33, 1, 5, 1, 3, 1, 1, 2, 1, 4, 9, 2, 3, 6, 1, 2, 1, 5, 2, 3, 5,
2, 1, 3, 6, 1, 3, 1, 2, 5, 10, 1, 1, 8, 1, 10, 18, 1, 1, 3, 1, 5, 4, 3, 164, 1, 1, 2, 3,
4, 10, 1, 1, 5, 1, 1, 1, 70, 1, 2, 4, 1, 1, 2, 4, 4, 1, 4, 1, 3, 1, 1, 32, 1, 1, 2, 2, 1,
3, 1, 1, 1, 1, 4, 1, 2, 21, 10, 4, 5, 3, 12, 1, 1, 23, 2, 2, 2, 4, 5, 11, 1, 9, 2, 2, 5,
3, 2, 1, 2, 5, 108, 1, 1, 1, 5, 1, 1, 1, 2, 16, 7, 1, 3, 10, 1, 1, 2, 1, 156, 3, 4, 3,
1, 1, 1, 2, 1, 2, 43, 3, 15, 6, 1, 3, 5, 5, 1, 1, 1, 1, 2, 1, 23, 1, 2, 7, 1, 1, 1, 3,
1, 48, 5, 1, 12, 8, 2, 1, 7, 1, 2, 1, 16, 2, 1, 3, 9, 6, 1, 1, 3, 2, 1, 21, 14, 3, 11,
12, 14, 1, 2, 1, 5, 1, 2, 1, 1, 3, 22, 2, 1, 1, 12, 1, 1, 27, 1, 1, 4, 2, 8, 8, 5, 1, 1,
3, 37, 5, 4, 2, 1, 22, 3, 3, 1, 2, 8, 11, 1, 4, 15, 1, 1, 13, 3, 15, 1, 1, 1, 4, 1, 6,
3, 1, 14, 6, 2, 2, 5, 8, 1, 7, 1, 3, 1, 2, 1, 1, 28, 2, 40, 1, 1, 1, 2, 1, 2, 8, 1, 4,
1, 2, 1, 1, 4, 4, 1, 3, 3, 1, 7, 1, 3, 2, 1, 2, 83, 6, 1, 1, 12, 1, 2, 1, 3, 1, 7, 4, 1,
2, 1, 33, 1, 15, 2, 13, 182, 85, 11, 3, 1, 4, 17, 1, 4, 1, 1, 1, 2, 4, 3, 22, 2, 1, 8,
9, 3, 2, 1, 2, 4, 2, 1, 2, 1, 1, 3, 2, 5, 1, 3, 24, 3, 1, 1, 248, 1, 4, 1, 2, 1, 1, 2,
8, 1, 2, 3, 9, 3, 12, 6, 1, 50, 12, 1, 16, 1, 228, 1, 2, 1, 1, 20, 1, 4, 1, 7, 1, 1, 2,
2, 5, 5, 1, 2, 22, 1, 2, 1, 1, 9, 1, 2, 1, 1, 2, 5, 2, 1, 3, 2, 2, 10, 1, 2, 13, 1, 8,
2, 2, 4, 2, 12, 1, 1, 1, 1, 6, 1, 11, 1, 3, 9, 1, 1, 2, 2, 2, 2, 1, 3, 4, 3, 3, 18, 1,
2, 2, 23, 2, 1, 22, 1, 1, 2, 2, 1, 1, 1, 6, 11, 1, 1, 16, 3, 28, 1, 2, 4, 1, 36, 20, 4,
3, 12, 8, 1, 2, 1, 2, 7, 2, 2, 2, 2, 3, 2, 5, 1, 5, 1, 5, 1, 3, 2, 1, 3, 1, 10, 36, 1,
1, 3, 1, 1, 12, 37, 2, 1, 1, 5, 3, 29, 1, 1, 1, 2, 4, 3, 3, 2, 75, 1, 7, 1, 1, 1, 8, 10,
10, 1, 4, 1, 8, 4, 7, 6, 2, 6, 1, 19, 7, 1, 1, 1, 1, 18, 1, 19, 10, 2, 441, 1, 16, 2,
10, 2, 2, 4, 2, 26, 2, 5, 1, 1, 2, 2, 6, 1, 18, 6, 5, 1, 2, 7, 1, 5, 1, 1, 2, 1, 1, 8,
7, 1, 9, 1, 8, 1, 1, 1, 5, 6, 1, 14, 4, 4, 7, 4, 5, 1, 3, 1, 2, 27, 1, 1, 7, 1, 12, 2,
4, 5, 2, 2, 1, 2, 13, 4, 22, 1, 9, 1, 215, 1, 5, 1, 3, 2, 15, 1, 1, 1, 4, 24, 2, 37, 1,
1, 1, 119, 2, 2, 1, 1, 7, 1, 4, 1, 2, 1, 1, 12, 8, 23, 12, 1, 45, 1, 24, 2, 20, 1, 1, 2,
2, 3, 1, 5, 1, 1, 1, 4, 3, 1, 27, 8, 6384, 2, 16, 7, 3, 4, 2, 8, 1, 2, 1, 28, 3, 20, 1,
2, 2, 2, 21, 3, 15, 1, 5, 2, 46, 1, 2, 2, 1, 7, 3, 160, 1, 2, 2, 13, 1, 2, 1, 1, 1, 10,
2, 1, 1, 5, 1, 1, 1, 29, 2, 3, 1, 1, 1, 1, 1, 1, 3, 1, 17, 1, 5, 13, 1, 15, 26, 1, 6, 1,
5, 1, 1, 33, 1, 1, 1, 1, 2, 3, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 10, 1, 6, 2, 1, 12, 3,
4, 1, 2, 8, 1, 81, 13, 1, 1, 1, 1, 4, 1, 1, 1, 15, 1, 1, 1, 1, 1, 4, 2, 5, 1, 4, 1, 8,
1, 5, 1, 2, 1, 1, 1, 1, 6, 1, 9, 23, 16, 3, 2, 16, 1, 17, 1, 168, 3, 6, 3, 4, 2, 4, 2,
1, 1, 1, 1, 5, 1, 2, 3, 3, 3, 3, 1, 40, 8, 12, 13, 1, 1, 2, 3, 11, 1, 1, 1, 2, 17, 2, 2,
38, 43, 1, 3, 4, 1, 1, 3, 2, 320, 119, 9, 2, 1, 3, 2, 1, 3, 1, 1, 6, 1, 120, 2, 1, 12,
4, 4, 1, 13, 1, 5, 2, 3, 5, 1, 1, 5, 6, 778, 2, 1, 1, 1, 1, 13, 1, 2, 1, 7, 2, 2, 1, 1,
2, 1, 2, 3, 3, 2, 1, 1, 2, 2, 1, 2, 2, 3, 1, 3, 2, 3, 12, 5, 9, 2, 1, 4, 1, 1, 1, 5, 1,
1, 1, 6, 121, 5, 1, 3, 2, 5, 1, 3, 1, 32, 1, 1, 1, 9, 1, 102, 1, 6, 5, 35, 2, 5, 5, 1,
14, 1, 1, 6, 2, 1, 25, 1, 1, 3, 3, 4, 50, 1, 2, 2, 2, 1, 1, 1, 4, 10, 3, 5, 1, 2, 1, 1,
10, 1, 1, 1, 1, 3, 4, 18, 5, 1, 3, 6, 2, 4, 5, 2, 2, 4, 2, 2, 5, 3, 5, 7, 2, 4, 343, 1,
1, 5, 5, 1, 2, 5, 3, 1, 1, 2, 2, 1, 4, 2, 8, 2, 1, 2, 339, 1, 3, 2, 1, 17, 1, 1, 1, 1,
2, 1, 1, 1, 2, 14, 1, 3, 3, 1, 1, 1, 5, 3, 1, 7, 1, 4, 1, 1, 1, 3, 1, 2, 10, 3, 1, 5, 8,
6, 2, 1, 1, 8, 3, 11, 7, 2, 2, 1, 6, 28, 1, 3, 2, 1, 1, 1, 5, 3, 1, 3, 1, 1, 6, 2, 1, 1,
2, 6, 2, 4, 4, 4, 18, 4, 11, 1, 1, 1, 13, 7, 4, 2, 3, 3, 1, 31, 17, 3, 1, 46, 10, 1, 3,
17, 1, 33, 1, 7, 7, 1, 15, 1, 1, 1, 1, 2, 1, 2, 2, 4, 1, 2, 1, 1, 1, 1, 1, 1, 10, 1, 2,

2, 1, 15, 1, 2, 2, 1, 4, 1, 3, 10, 1, 2, 1, 2, 336, 19, 1, 7, 5, 1, 1, 22, 2, 5, 1, 2,
1, 2, 1, 4, 16, 75, 1, 3, 3, 3, 2, 8, 1, 3, 2, 3, 4, 23, 3, 1, 7, 2, 2, 2, 4, 2, 2, 1,
9, 7, 14, 2, 1, 4, 1, 1, 2, 1, 2, 1, 7, 1, 2, 2, 3, 15, 1, 1, 34, 2, 5, 3, 10, 2, 1, 1,
2, 4, 4, 1, 1, 2, 8, 7, 1, 2, 4, 16, 4, 1, 1, 1, 2, 1, 2, 2, 7, 3, 1, 1, 3, 8, 1, 2, 1,
1, 3, 1, 4, 2, 13, 1, 3, 5, 1, 8, 3, 1, 1, 1, 4, 1, 1, 2, 1, 9, 1, 60, 1, 7, 2, 1, 1,
16, 1, 1, 1, 1, 1, 1, 3, 1, 1, 9, 1, 1, 1, 2, 1, 1, 1, 1, 21, 1, 4, 272, 1, 10, 6, 2,
2, 9, 15, 1, 8, 1, 3, 1, 1, 3, 4, 3, 2, 3, 1, 13, 1, 1, 1, 2, 1, 1, 2, 2, 2, 8, 1, 2, 1,
6, 3, 1, 2, 2, 12, 3, 7, 3, 3, 29, 1, 1, 28, 6, 7, 3, 2, 13, 2, 3, 1, 1, 1, 22, 1, 1,
1, 1, 10, 10, 1, 2, 1, 2, 1, 6, 4, 1, 2, 3, 1, 1, 27, 1, 1, 8, 1, 1, 3, 1, 1, 1, 1, 6,
2, 5, 2, 2, 2, 8, 1, 1, 1, 2, 40, 10, 3, 4, 1, 2, 1, 4, 1, 4, 2, 3, 2, 1, 2, 1, 3, 2, 1,
1, 205, 1, 2, 1, 2, 1, 4, 3, 1, 2, 1, 2, 1, 5, 1, 12, 5, 1, 1, 2, 1, 15, 1, 6, 4, 1, 8,
20, 1, 1, 2, 7, 1, 1, 1, 2, 2, 1, 1, 2, 1, 6, 1, 2, 1, 29, 4, 1, 14, 2, 1, 1, 4, 1, 34,
3, 3, 8, 1, 1, 2, 5, 1, 200, 1, 1, 1, 59, 1, 151, 1, 47, 7, 1, 1, 6, 2, 10, 7, 1, 3,
2, 3, 2, 1, 1, 7, 5, 2, 5, 3, 2, 2, 1, 2, 1, 5, 2, 2, 1, 7, 1, 28, 1, 8, 2, 1, 6, 1, 2,
1, 1, 8, 1985, 1, 3, 1, 4, 1, 3, 1, 1, 7, 1, 24, 4, 31, 1, 2, 1, 3, 1, 4, 34, 2, 1, 5,
1, 2, 13, 54, 1, 2, 3, 2, 2, 2, 1, 2, 1, 11, 1, 1, 34, 2, 2, 1, 4, 2, 3, 10, 5, 1, 2,
1, 1, 1, 3, 3, 1, 2, 3, 10, 10, 1, 3, 8, 4, 3, 1, 15, 2, 2, 2, 2, 1, 1, 2, 65, 2, 9, 2,
20, 1, 2, 5, 10, 20, 1, 1, 4, 6, 1, 1, 1, 6, 3, 39, 1, 4, 2, 3, 4, 2, 1, 2, 3, 3, 1, 1,
5, 7, 2, 1, 1, 4, 1, 2, 1, 1, 39, 1, 15, 1, 1, 2, 18, 4, 2, 1, 1, 1, 2, 1, 3, 12, 3, 1,
9, 1, 2, 1, 371, 1, 25, 1, 58, 10, 1, 8, 1, 1, 1, 1, 4, 2, 5, 1, 1, 7, 14, 4, 2, 2, 24,
14, 3, 3, 1, 28, 26, 3, 2, 3, 1, 2, 1, 2, 2, 4, 2, 2, 11, 2, 3, 4, 1, 2, 2, 2, 1, 2, 2,
24, 1, 56, 1, 2, 3, 2, 4, 4, 3, 4, 1, 31, 8, 2, 11, 2, 3, 6, 4, 3, 1, 28, 5, 1, 5, 3,
1, 1, 7, 1, 7, 2, 2, 33, 1, 1, 3374, 1, 31, 2, 9, 2, 3, 21, 1, 1, 1, 2, 6, 3, 1, 3, 2,
5, 2, 1, 1, 20, 4, 4, 7, 3, 5, 178, 5, 2, 1, 8, 4, 89, 1, 7, 1, 1, 54, 5, 1, 3, 2, 3,
1, 2, 3, 1, 1, 375, 6, 4, 143, 3, 1, 3, 1, 2, 1, 19, 1, 6, 1, 5, 1, 1, 1, 8, 1, 2, 27,
1, 21, 3, 5, 1, 6, 1, 1, 16, 3, 2, 1, 1, 7, 1, 5, 2, 1, 9, 6, 1, 1, 1, 4, 1, 1, 1, 1,
6, 3, 1, 1, 1, 4, 2, 1, 8, 3, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 14, 1, 1, 1, 1, 3, 1,
111, 1, 2, 1, 1, 7, 2, 2, 3, 3, 1, 17, 1, 2, 1, 1, 1, 4, 2, 2, 1, 3, 1, 26, 7, 4, 1, 2,
4, 41, 2, 2, 2, 13, 1, 1, 1, 21, 1, 49, 5, 1, 22, 4, 8, 1, 19, 2, 1, 1, 1, 5, 6, 8, 2,
1, 1, 16, 5, 1, 25, 1, 2, 3, 2, 2, 1, 3, 1, 1, 83, 4, 1, 2, 1, 3, 4, 2, 2, 3, 1, 1, 3,
36, 1, 1, 1, 1, 4, 1, 3, 1, 12, 2, 2, 3, 3, 1, 2, 6, 1, 1, 1, 3, 13, 4, 1, 1, 1, 1, 17,
3, 1, 3, 2, 1, 3, 2, 1, 1, 5, 2, 7, 1, 1, 5, 1, 1, 3, 9, 1, 2, 4, 4, 1, 3, 1, 25, 1, 1,
15, 1, 1, 2, 3, 26, 7, 2, 6, 6, 1, 1, 2, 6, 1, 1, 3, 4, 1, 2, 2, 3, 4, 5, 7, 8, 1, 5, 1,
1, 4, 3, 2, 1, 145, 3, 2, 1, 6, 1, 20, 1, 560, 1, 37, 4, 3, 4, 15, 175, 2, 3, 14, 1,
22, 1, 2, 38, 5, 1, 1, 6, 1, 1, 27, 2, 2, 5, 10, 1, 18, 3, 1, 3, 1, 3, 1, 17, 2, 42, 2,
14, 2, 75, 1, 11, 5, 1, 1, 4, 1, 1, 25, 1, 4, 1, 1, 1, 75, 2, 4, 1, 1, 3, 52, 2, 2, 5,
2, 3, 65, 1, 12, 1, 6, 1, 1, 5, 38, 1, 3, 2, 1, 1, 6, 1, 3, 2, 2, 3, 1, 1, 1, 5, 1, 1,
8, 1, 1, 1, 5, 1, 7, 2, 3, 11, 1, 1, 25, 4, 1, 2, 6, 2, 1, 8, 1, 8, 2, 8, 1, 5, 2, 7, 1,
218, 3, 3, 247, 1, 3, 1, 4, 2, 1, 1, 1, 10, 1, 50, 6, 2, 1, 2, 20, 1, 28, 12, 1, 3, 1,
3, 2, 5, 2, 1, 1, 8, 1, 1, 28, 1, 1, 1, 2, 1, 1, 1, 6, 1, 5, 1, 2, 1, 1, 149, 1, 2, 1,
1, 4, 1, 1, 2, 4, 2, 1, 1, 1, 3, 3, 1, 1, 2, 24, 1, 1, 3, 5, 1, 1, 2, 1, 2, 1, 4, 3, 1,
1, 50, 11, 1, 1, 1, 8, 3, 2, 1, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 50, 2, 3, 3, 6, 2, 1,
8, 3, 1, 1, 2, 1, 3, 1, 1, 1, 9, 1, 125, 1, 1, 1, 5, 2, 2, 3, 13, 2, 1, 1, 1, 1, 1, 1,
5, 1, 2, 4, 2, 4, 3, 1, 4, 2, 3, 3, 3, 1, 1, 1, 1, 1, 4, 2, 1, 14, 1, 7, 2, 4, 14, 1, 4,

1, 2, 15, 1, 1, 1, 1, 1, 18, 2, 3, 1, 1, 1, 18, 4, 2, 5, 2, 1, 3, 1, 5, 1, 14, 19, 1,
4, 2, 2, 2, 1, 4, 1, 4, 2, 2, 1, 1, 8, 1, 1, 1, 8, 1, 2, 1, 2, 2, 1, 1, 3, 13, 3, 3, 3,
6, 1, 1, 3, 1, 2, 2, 1, 1, 10, 2, 1, 4, 2, 1, 4, 1, 5, 3, 8, 1, 27, 1, 10, 1, 10, 1, 2,
8, 8, 3, 2, 5, 9, 1, 11, 9, 1, 1, 1, 1, 1, 7, 1, 7, 6, 8, 5, 1, 1, 4, 1, 4, 10, 2, 11,
9, 1, 2, 2, 1, 1, 4, 10, 2, 14, 2, 608, 1, 1, 11, 6, 8, 1, 1, 2, 1, 5, 1, 1, 9, 1, 2,
7, 6, 1, 3, 1, 9, 1, 1, 1, 2, 1, 4, 1, 1, 3, 1, 30, 23, 1, 12, 3, 5, 1, 1, 11, 1, 1, 1,
1, 2, 4, 1, 2, 7, 1, 1, 1, 1, 5, 1, 1, 6, 4, 1, 30, 2, 10, 1, 1, 4, 1, 1, 2, 1, 1, 16,
5, 2, 3, 5, 1, 3, 17, 7, 2, 1, 2, 25, 10, 2, 5, 3, 12, 2, 1, 1, 45, 1, 16, 3, 1, 21, 1,
2, 2, 1, 1, 1, 1, 5, 4, 2, 2, 2, 3, 3, 1, 3, 5, 2, 1, 1, 11, 1, 9, 1, 1, 1, 3, 1, 1, 1,
1, 1, 2, 2, 1, 6, 3, 247, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 4, 1, 7, 2, 1, 1, 2, 3, 1,
2, 2, 4, 1, 758, 1, 1, 114, 2, 3, 2, 1, 1, 5, 1, 11, 3, 1, 121, 1, 2, 1, 1, 2, 1, 1, 1,
2, 41, 13, 1, 304, 35, 2, 5, 6, 1, 1, 1, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 18, 322, 1, 2,
1, 1, 1, 1, 1, 2, 3, 3, 33, 1, 1, 7, 3, 3, 3, 1, 3, 1, 45, 2, 2, 4, 19, 14, 1, 1, 2, 1,
5, 3, 2, 9, 1, 3, 1, 2, 21, 1, 8, 2, 26, 3, 2, 8, 6, 1, 22, 3, 1, 1, 10, 17, 2, 1, 2,
1, 9, 1, 2, 1, 27, 2, 8, 4, 3, 1, 4, 3, 5, 1, 1, 1, 3, 1, 1, 1, 3, 1, 26, 1, 4, 1, 21,
1, 3, 1, 2, 1, 1, 3, 1, 16, 3, 1, 7, 2, 3, 2, 2, 1, 10, 4, 1, 6, 1, 1, 2, 1, 1, 2, 1, 5,
7, 1, 4, 1, 12, 1, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 2, 1, 4, 1, 1, 9, 1, 2, 87, 3, 19, 4,
3, 2, 2, 2, 19, 1, 1, 1, 30, 2, 1, 2, 1, 1, 1, 1, 1, 16, 2, 1, 2, 1, 1, 6, 1, 2, 1, 4,
82, 1, 1, 1, 6, 1, 9, 6, 1, 1, 1, 4, 1, 1, 4, 1, 32, 1, 2, 1, 5, 1, 135, 6, 1845, 1, 3,
1, 5, 7, 1, 1, 5, 36, 2, 2, 15, 9, 5, 3, 78, 1, 10, 4, 1, 2, 1, 1, 1, 8, 1, 1, 4, 3, 1,
3, 1, 5, 3, 1, 9, 3, 1, 1, 1, 2, 2, 1, 7, 81, 5, 8, 1, 13, 1, 1, 2, 9, 2, 1, 2, 1, 1, 1,
4, 2, 1, 2, 2, 1, 1, 2, 3, 3, 1, 2, 34, 3, 2, 1, 3, 1, 1, 1, 2, 4, 1, 13, 2, 1, 5, 1,
1, 1, 1, 3, 4, 2, 23, 9, 2, 1, 1, 1, 13, 1, 1, 5, 2, 2, 70, 4, 1, 1, 15, 336, 1, 1, 1,
1, 1, 2, 38, 3, 2, 1, 45, 20, 7, 6, 1, 12, 2, 17, 9, 3, 30, 3, 3, 5, 4, 68, 1, 4, 2, 4,
1, 7, 1, 2, 2, 5, 3, 3, 27, 31, 1, 1, 8, 43, 2, 2, 2, 2, 1, 1, 3, 4, 1, 1, 7, 2, 4, 2,
14, 7, 1, 2, 3, 1, 2, 3, 1, 1, 8, 25, 3, 1, 3, 2, 1, 2, 1, 1, 1, 1, 1, 3, 1, 3, 2, 2, 1,
23, 2, 1, 1, 4, 2, 6, 1, 1, 2, 2, 13, 1, 1, 1, 2, 13, 1, 10, 15, 1, 1, 5, 1, 34, 4, 1,
1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 11, 2, 1, 2, 10, 1, 7, 1, 1, 3, 1, 2, 6, 1, 1,
1, 1, 3, 2, 1, 1, 2, 1, 2, 2, 1, 2, 7, 1, 7, 2, 2, 7, 2, 1, 1, 2, 2, 3, 3, 3, 59, 1, 1,
1, 6, 1, 3, 1, 7, 1, 1, 4, 1, 2, 7, 4, 1, 2, 1, 1, 3, 4, 5, 1, 18, 1, 20, 1, 1, 6, 1, 2,
2, 1, 1, 2, 8, 1, 3, 2, 9, 1, 1, 94, 1, 4, 1, 2, 1, 1, 1, 2, 1, 1, 32, 5, 2, 193, 2, 2,
9, 2, 2, 1, 1, 5, 2, 7, 1, 3, 3, 1, 3, 6, 4, 4, 1, 3, 3, 1, 11, 1, 1, 3, 2, 4, 9, 1, 8,
1, 6, 2, 15, 1, 2, 14, 3, 1, 122, 3, 2, 1, 4, 1, 1, 1, 5, 1, 1, 4, 8, 1, 3, 1, 2, 28,
3, 4, 2, 2, 3, 1, 4, 1, 3, 1, 1, 3, 2, 3, 1, 8, 1, 23, 1, 3, 1, 1, 1, 2, 1, 5, 45, 9, 4,
1, 1, 482, 2, 2, 12, 4, 3, 42, 3, 29, 5, 1, 31, 1, 3, 1, 3, 2, 2, 4, 2, 173, 1, 2, 10,
1, 1, 2, 1, 3, 1, 41, 3, 1, 5, 1, 17, 1, 1, 1, 2, 2, 4, 2, 32, 2, 1, 6, 2, 3, 2, 6, 1,
1, 1, 4, 9, 3, 3, 3, 5, 2, 3, 3, 1, 1, 33, 1, 1, 1, 7, 2, 1, 1, 5, 6, 6, 1, 1, 1, 5, 6,
2, 18, 1, 4, 103, 1, 1, 1, 5, 1, 2, 5, 5, 1, 12, 11, 1, 1, 2, 7, 1, 2, 1, 1, 2, 3, 9,
1, 9, 1, 75, 1, 6, 1, 140, 4, 8, 4, 1, 1, 5, 17, 4, 3, 6, 1, 1, 1, 40, 4, 5, 14, 2, 2,
11, 8, 2, 1, 1, 1, 1, 1, 3, 5, 1, 1, 2, 3, 2, 1, 3, 3, 9, 3, 3, 3, 1, 47, 1, 5, 1, 79,
1, 1, 270, 5, 1, 1, 1, 2, 2, 13, 1, 7, 2, 116, 2, 1, 3, 46, 1, 1, 6, 2, 1, 2, 1, 1, 2,
1, 11, 1, 1, 1, 1, 1, 1, 1, 37, 1, 3, 1, 12, 2, 5, 3, 25, 9, 1, 4, 1, 4, 5, 1, 6, 1, 1,
5, 4, 1, 5, 1, 22, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 13, 3, 12, 1, 1, 90, 1, 2,
1, 2, 4, 1, 1, 6, 2, 1, 3, 5, 1, 12, 1, 3, 3, 1, 5, 1, 10, 9, 1, 1, 16, 1, 1, 3, 1, 1,

6, 30, 2, 4, 6, 1, 1, 2, 3, 1, 1, 1, 1, 3, 1, 2, 1, 1, 5, 11, 1, 5, 4, 42, 86, 5, 1, 1,
22, 1, 2, 1, 1, 2, 4, 2, 1, 2, 1, 1, 19, 1, 1, 6, 2, 3, 1, 1, 2, 98, 1, 1, 5, 8, 1, 4,
4, 2, 1, 20, 1, 1, 4, 3, 64, 19, 1, 23, 1, 1, 1, 8, 6, 2, 5, 4, 1, 7, 2, 3, 2, 2, 1, 10,
2, 2, 2, 1, 1, 2, 2, 4, 4, 1, 2, 1, 2, 1, 2, 1, 10, 3, 1, 1, 10, 1, 7, 12, 8, 1, 4, 3,
1, 1, 3, 5, 1, 3, 1, 1, 3, 64, 10, 1, 114, 2, 1, 1, 1, 2, 1, 1, 15, 2, 9, 8, 15, 1, 4,
6, 5, 10, 3, 1, 2, 9, 6, 7, 2, 1, 1, 3, 1, 189, 1, 7, 126, 2, 391, 1, 178, 1, 1, 1, 1,
5, 1, 9, 1, 3, 9, 1, 3, 1, 1, 1, 1, 1, 2, 2, 1, 10, 7, 1, 4, 1, 2, 1, 1, 2, 3, 2, 2, 1,
1, 16, 1, 7, 9, 1, 2, 2, 1, 6, 34, 1, 2, 17, 1, 1, 1, 1, 1, 1, 1, 15, 8, 41, 1, 26, 2,
83, 1, 24, 2, 33, 1, 3, 1, 1, 2, 1, 11, 1, 1, 1, 2, 42, 6, 8, 2, 2, 1, 2, 5, 3, 1, 1, 5,
1, 5, 6, 4, 2, 1, 49, 1, 1, 1, 1, 2, 1, 1, 5, 31, 3, 3, 1, 8, 1, 18, 3, 1, 30, 3, 26,
1, 2, 5, 2, 1, 1, 1, 1, 7, 1, 22, 1, 4, 5, 10, 2, 1, 1, 1, 2, 2, 5, 64, 4, 2, 6, 1, 3,
68, 1, 1, 4, 3, 374, 1, 4, 16, 1, 5, 1, 25, 2, 45, 11, 1, 24, 1, 1, 1, 11, 3, 11, 16,
1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 1, 1, 9, 2, 6, 2, 4, 1, 34, 1, 8, 2, 4, 3, 1, 6, 1,
3, 11, 194, 3, 5, 1, 4, 4, 6, 6, 1, 1, 2, 19, 1, 3, 2, 3, 1, 5, 1, 2, 4, 1, 1, 2, 1, 1,
11, 12, 2, 2, 1, 16, 7, 1, 1, 1, 3, 3, 1, 2, 6, 2, 2, 3, 11, 6, 6, 2, 2, 4, 1, 2, 3, 2,
2, 24, 4, 1, 6, 2, 3, 1, 5, 3, 2, 4, 1, 1, 1, 194, 1, 1, 1, 7, 11, 4, 8, 10, 7, 1, 1,
67, 1, 13, 1, 12, 12, 4, 2, 7, 3, 1, 1, 1, 3, 10, 2, 263, 1, 1, 29, 3, 1, 1, 178, 1, 2,
3, 1, 3, 2, 4, 1, 1, 23, 2, 9, 1, 2, 3, 1, 9, 5, 1, 1, 6, 1, 2, 4, 5, 5, 2, 1, 1, 3, 7,
1, 2, 3, 1, 2, 1, 2, 1, 1, 4, 1, 3, 12, 13, 3, 1, 1, 5, 6, 1, 1, 18, 7, 4, 1, 1, 1, 1,
6, 3, 3, 4, 1, 12, 16, 1, 1, 1, 2, 2, 6, 3, 1, 2, 2, 8, 1, 20, 4, 1, 1, 2, 5, 1, 1, 1,
1, 3, 1, 1, 1, 1, 3, 5, 5, 7, 4, 1, 1, 1, 1, 2, 2, 7, 2, 1, 6, 12, 8, 1, 1, 20, 1, 46,
1, 1, 1, 1, 3, 1, 3, 2, 10, 1, 2, 18, 1, 6, 1, 1, 3, 2, 1, 1, 7, 2, 2, 1, 3, 1, 10, 1,
7, 5, 1, 21, 2, 1, 1, 8, 1, 2, 1, 189, 2, 1, 4, 3, 1, 12, 2, 1, 4, 2, 3, 2, 41, 20, 1,
1, 2, 23, 1, 1, 10, 2, 8, 6, 1, 1, 1, 11, 1, 2, 2, 6, 1, 5, 1, 20, 2, 10, 6, 1, 2, 3, 5,
1, 1, 2, 2, 10, 1, 4, 1, 3, 2, 16, 1, 3, 2, 9, 1, 1, 9, 6, 1, 4, 1, 1, 1, 1, 2, 5, 1, 3,
1, 14, 1, 8, 31, 1, 2, 1, 9, 16, 1, 1, 1, 1, 20, 1, 1, 3, 1, 3, 1, 2, 1, 1, 1, 2, 13, 2,
3, 1, 145, 1, 7, 1, 2, 1, 2, 13, 1, 1, 2, 3, 13, 2, 2, 1, 5, 3, 1, 2, 4, 2, 1, 9, 6, 1,
5, 3, 4, 8, 1, 4, 1, 1, 1, 41, 6, 2, 2, 1, 1, 1, 1, 4, 2, 1, 1, 34, 1, 47, 1, 4, 9, 2,
1, 4, 12, 1, 11, 1, 1, 1, 1, 11, 1, 5, 14, 1, 1, 1, 6, 3, 3, 1, 1, 5, 1, 77, 5, 1, 1,
39, 8, 4, 1, 5, 1, 42, 13, 1, 1, 2, 3, 1, 1, 8, 4, 4, 4, 1, 3, 26, 1, 2, 1, 2, 1, 2, 2,
14, 244, 1, 5, 13, 10, 2, 1, 1, 7, 1, 5, 1, 1, 23, 2, 1, 1, 1, 5, 42, 2, 2, 1, 7, 1, 4,
1, 3, 1, 2, 1, 3, 173, 4, 17, 1, 6, 1, 1, 1, 5, 1, 1, 8, 1, 3, 2, 20, 1, 15, 2, 2, 15,
3, 1, 2, 4, 6, 1, 10, 2, 1, 42, 3, 1, 4, 1, 2, 1, 4, 1, 2, 19, 4, 3, 12, 1, 6, 2, 17,
2, 15, 3, 3, 15, 1, 10, 1, 81, 2, 29, 1, 5, 5, 2, 2, 2, 4, 2, 3, 1, 1, 1, 2, 10, 1, 2,
2, 1, 1, 8, 3, 1, 11, 30, 1, 1, 1, 1, 8, 1, 1, 7, 1, 1, 1, 5, 2, 1, 3, 1, 1, 5, 29, 14,
8, 1, 4, 2, 3, 138, 1, 3, 1, 2, 2, 1, 2, 1, 13, 1, 1, 2, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1,
4, 1, 9, 5, 3, 1, 4, 2, 2, 3, 1, 6, 3, 3, 2, 6, 1, 1, 1, 2, 1, 6, 22, 2, 5, 1, 1, 6, 1,
1, 1, 2, 3, 1, 7, 1, 1, 1, 6, 1, 1, 2, 96, 1, 8, 3, 1, 4, 1, 2, 21, 11, 1, 1450, 1, 7,
4, 1, 4, 8, 2, 1, 2, 1, 3, 10, 2, 2, 1, 1, 4, 1, 17, 5, 3, 1, 16, 1, 1, 2, 8, 1, 3, 10,
20, 2, 1, 2, 1, 1, 11, 9, 2, 1, 3, 1, 2, 1, 1, 2, 1, 172, 1, 5, 1, 3, 1, 136, 1, 11,
18, 2, 1, 1, 2, 4, 16, 7, 1, 1, 2, 2, 3, 1, 33, 1, 2, 10, 1, 2, 1, 5, 1, 1, 4, 3, 6, 1,
3, 2, 4, 1, 6, 14, 2, 1, 2, 1, 3, 2, 2, 1, 1, 21, 1, 1, 6, 2, 7, 1, 3, 2, 8, 1, 22, 1,
3, 2, 15, 1, 1, 2, 1, 2, 1, 5, 1, 3, 3, 1, 1, 1, 1, 1, 4, 7, 1, 1, 1, 14, 2, 5, 1, 1, 1,
1, 80, 8, 1, 8, 1, 42, 1, 4, 10, 6, 1, 1, 7, 2, 1, 2, 2, 9, 1, 4, 33, 1, 3, 1, 5, 36,

1, 1, 9, 7, 3, 1, 1, 6, 1, 4, 1, 3, 1, 21, 2, 1, 10, 1, 1, 1, 4, 1, 2, 4, 3, 1, 1, 1,
3, 4, 3, 6, 1, 4, 2, 5, 10, 1, 1, 49, 1, 13, 1, 2, 1, 1, 20, 2, 8, 7, 159, 1, 1, 1, 1,
3, 76, 5, 2, 3, 30, 1, 2, 14, 2, 14, 2, 3, 1, 4, 2, 24, 1, 1, 1, 3, 13, 7, 2, 1, 51, 1,
1, 2, 4, 1, 4, 1, 4, 3, 2, 3, 2, 1, 1, 9, 2, 2, 4, 2, 1, 2, 3, 1, 11, 1, 9, 2, 1, 1, 8,
2, 31, 2, 2, 1, 1, 2, 6, 1, 1, 27, 1, 1, 1, 1, 1, 1, 2, 11, 3, 1, 1, 1, 1, 1, 1, 4330,…]

Beispiel 16

Analysieren Sie

$$scf\left(e^4\right)=$$

[54; 1, 1, 2, 21, 4, 1, 1, 57, 2, 1, 9, 1, 1, 13, 6, 2, 20, 2, 4, 1, 17, 1, 3, 2, 7, 2, 1, 1,
1, 1, 3, 2, 1, 11, 4, 2, 1, 3, 2, 1, 7, 1, 7, 1, 12, 2, 8, 7, 6, 1, 2, 1, 7, 2, 37, 2, 3, 66,
1, 1, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 2, 10, 18, 2, 19, 4, 2, 1, 9, 1, 9, 2,
1, 1, 1, 1, 4, 5, 1, 125, 1, 4, 1, 12, 10, 1, 1, 1, 15, 15, 11, 1, 40, 1, 1, 1, 4, 11, 1,
26, 1, 14, 12, 1, 1, 2, 1, 2, 1, 1, 72, 1, 1, 19, 1, 758, 1, 11, 8, 3, 18, 53, 1, 10, 1,
3, 2, 1, 3, 1, 3, 1, 6, 5, 1, 1, 9, 2, 1, 3, 2, 1, 3, 1, 164, 1, 3, 2, 6, 2, 1, 1, 4, 1, 63,
1, 54, 1, 1, 3, 1, 112, 1, 1, 1, 1, 8, 76, 1, 4, 5, 1, 3, 37, 1, 8, 1, 1, 22, 1, 3, 1, 1,
1, 40, 1, 28, 2, 2, 25, 11, 2, 33, 1, 1, 1, 1, 57, 8, 15, 1, 4, 4, 4, 3, 1, 4, 1, 1, 18,
2, 3, 2, 3, 1, 1, 1, 1, 5, 1, 1, 394, 31, 1, 13, 7, 10, 3, 3, 5, 3, 22, 1, 1, 1, 3, 14, 1,
6, 6, 1, 4, 1, 1, 1, 3, 1, 5, 5, 1, 29, 1, 1, 1, 1, 1, 2, 8, 1, 1, 1, 1, 6, 1, 5, 2, 2, 1,
23, 1, 5, 2, 3, 1, 2, 1, 1, 1, 1, 4, 1, 5, 19, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 1, 1, 33, 1,
5, 1, 1, 2, 7, 3, 2, 1, 1, 3, 2, 1, 2, 2, 52, 6, 3, 3, 21, 1, 79, 2, 17, 2, 5, 1, 6, 2, 1,
34, 287, 1, 3, 2, 175, 1, 4, 2, 4, 3, 2, 1, 2, 1, 1, 2, 1, 6, 14, 33, 6, 3, 1, 2, 9, 1,
37, 1, 2, 1, 1, 17, 1, 63, 1, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 7, 1, 1, 2, 2, 7, 1, 3, 2, 2,
1, 15, 8, 1, 2, 2, 2, 2, 2, 1, 4, 1, 4, 2, 1, 1, 1, 5, 1, 1, 6, 177, 1, 3, 4, 1, 2, 2, 3,
1, 1, 1, 9, 144, 5, 1, 2, 2, 2, 48, 2, 1, 15, 4, 3, 1, 3, 1, 11, 2, 1, 17, 3, 16, 1, 4,
1, 7, 1, 1, 1, 1, 1, 1, 2, 43, 3, 1, 5, 1, 3, 3, 1, 9, 9, 1, 3, 1, 2, 2, 5, 17, 2, 29, 1,
1, 1, 1, 5, 2, 57, 4, 7, 1, 1, 1, 1, 1, 27, 22, 1, 24, 1, 2, 2, 4, 1, 8, 1, 1, 7, 3, 1, 1,
3, 2, 1, 3, 1, 7, 1, 3, 1, 1, 1, 1, 1, 1, 2, 11, 3, 2, 10, 3, 18, 1, 1, 7, 1, 1, 1, 1, 1,
51, 1, 4, 5, 1, 4, 1, 1, 4, 2, 1, 24, 2, 3, 1, 4, 1, 1, 4, 1, 1, 3, 1, 1, 3, 1, 1, 4, 6, 1,
2, 1, 2, 6, 6, 1, 18, 27, 1, 2, 27, 2, 2, 2, 2, 1, 2, 1, 1, 4, 1, 1, 2, 2, 2, 2, 8, 7, 1,
1043, 37, 3, 1, 1, 2, 1, 1, 1, 3, 2, 1, 1, 2, 2, 4, 4, 8, 1, 2, 1, 3, 5, 1, 1, 4, 2, 13,
2, 1, 1, 1, 3, 5, 2, 2, 2, 1, 6, 1, 5, 11, 1, 1, 1, 1, 2, 13, 2, 1, 1, 1, 1, 1, 6, 2, 3, 1,
1, 149, 1, 2, 1, 1, 2, 4, 29, 6, 1, 22, 1, 1, 41, 1, 1, 2, 2, 1, 4, 3, 1, 6, 5, 1, 5, 4,
4, 2, 6, 1, 1, 4, 1, 1, 6, 5, 1, 1, 2, 2, 21, 2, 2, 1, 6, 2, 5, 2, 1, 2, 1, 3, 4, 5, 1, 21,
31, 1, 3, 1, 1, 5, 1, 6, 1, 1, 1, 23, 1, 11, 2, 2, 1, 32, 11, 1, 1, 1, 1, 25, 5, 2, 1, 9,
9, 68, 14, 4, 2, 3, 12, 1, 5, 1, 13, 5, 1, 26, 1, 4, 2, 8, 178, 1, 6, 1, 3, 1, 1, 1, 1, 52,
3, 1, 1, 3, 2, 1, 1, 1, 67, 1, 3, 17, 2, 1, 3, 4, 7, 1, 13, 1, 1, 4, 4, 1, 2, 1, 2, 1, 1,
1, 1, 2, 1, 6, 3, 2, 13, 2, 5, 14, 1, 2, 10, 1, 1, 3, 9, 1, 6, 3, 4, 3, 1, 4, 1, 1, 2, 1,
5, 1, 14, 1, 2, 6, 1, 1, 1, 6, 18, 3, 2, 1, 2, 2, 5, 1, 1, 1, 1, 14, 76, 1, 11, 3, 16, 1
255, 1, 1, 1, 5, 4, 1, 11, 1, 7, 2, 2, 2, 7, 1, 1, 20, 1, 1, 1, 3, 1, 2, 3, 3, 1, 2, 25, 1,
3, 1, 1, 18, 1, 3, 1, 3, 3, 4, 1, 1, 5, 1, 1, 437, 1, 3, 3, 202, 2, 1, 3, 2, 5, 2, 3, 1, 5,
1, 3, 2, 4, 8, 1, 1, 2, 9, 3, 6, 12, 1, 2, 1, 2, 43, 1, 3, 25, 1, 10, 3, 1, 9, 1, 17, 19,
1, 3, 8, 6, 1, 4, 7, 9, 1, 18, 2, 5, 4, 2, 29, 1, 201, 2, 1, 2, 1, 1, 6, 1, 2, 1, 151, 1,

10774, 1, 5, 4, 2, 3, 2, 5, 3, 7, 1, 3, 2, 1, 8, 1, 2, 1, 1, 1, 2, 1, 1, 7, 3, 1, 2, 7, 2,
1, 9, 1, 1, 1, 1, 1, 2, 3, 2, 5, 1, 2, 2, 2, 1, 7, 1, 1, 1, 1, 1, 11, 1, 1, 2, 6, 29, 1,
1, 6, 4, 5, 2, 1, 3, 4, 2, 72, 2, 1, 1, 1, 9, 2, 2, 1, 23, 22, 1, 65, 1, 1, 1, 1, 2, 2, 3,
1, 8, 4, 1, 3, 4, 2, 4, 4, 3, 6, 5, 17, 1, 2, 61, 1, 1, 53, 2, 1, 5, 30, 1, 47, 1, 33, 2,
2, 1, 7, 5, 154, 6, 1, 7, 1, 1, 4, 1, 1, 1, 2, 3, 5, 1, 9, 1, 7, 49, 1, 31, 2, 10, 1, 3,
136, 2, 3, 6, 1, 2, 1, 1, 10, 5, 2, 6, 4, 2, 15, 43, 1, 5, 1, 14, 3, 1, 4, 1, 5, 1, 1, 1,
7, 1, 3, 1, 154, 1, 1, 1, 7, 3, 7, 23, 1, 1, 11, 1, 1, 1, 4, 6, 4, 11, 1, 3, 1, 1, 27, 1,
49, 1, 2, 1, 1, 1, 1, 14, 2, 91, 1, 11, 3, 2, 19, 2, 104, 1, 2, 1, 2, 1, 18, 4, 4, 3, 1,
3, 8, 1, 5, 1, 111, 1, 3, 1, 3, 1, 2, 11, 3, 3, 1, 1, 11, 1, 2, 1, 4, 1, 1, 1, 4, 23, 10,
1, 27, 1, 4, 3, 1, 2, 2, 1, 1, 2, 13, 1, 4, 1, 3, 19, 1, 16, 6, 15, 1, 1, 3, 1, 1, 1, 88,
1, 3, 1, 2, 1, 24, 7, 1, 3, 1, 15, 1, 3, 1, 8, 1, 1, 104, 1, 19, 1, 1, 1, 2, 3, 1, 1, 7, 4,
2, 1, 65, 3, 8, 4, 1, 1, 2, 6, 7, 1, 51, 3, 1, 21, 1, 11, 5, 1, 1, 3, 1, 30, 1, 3, 8, 4,
1, 1, 16, 1, 1, 1, 1, 1, 2, 1, 1, 19, 1, 1, 2, 2, 8, 1, 3, 1, 1, 3, 1, 164, 2, 12, 2, 1,
9, 2, 6, 1, 8, 2, 6, 8, 111, 6, 1, 7, 1, 1, 5, 1, 17, 1, 33, 9, 3, 2, 1, 1, 3, 5, 1, 20,
2, 1, 3, 1, 1, 5, 4, 10, 6, 1, 2, 1, 4, 1, 3, 1, 1, 4, 1, 2, 1, 6, 4, 1, 2, 2, 2, 1, 6, 1,
1, 1, 5, 2, 18, 1, 3, 28, 2, 1, 4, 3, 2, 1, 1, 17, 1, 2, 2, 3, 1, 110, 69, 4, 2, 1, 8, 1,
4, 3, 11, 1, 1, 1, 7, 474, 3, 1, 697, 19, 2, 2, 3, 1, 1, 5, 2, 2, 25, 1, 4, 2, 4, 1, 1, 1
1, 1, 6, 1, 1, 4, 2, 2, 1, 1, 1, 1, 1, 8, 1, 10, 2, 1, 26, 1, 1, 1, 1, 10, 2, 1, 1, 1, 1,
1, 1, 1, 5, 1, 2, 10, 1, 1, 24, 1, 31, 1, 7, 1, 2, 13, 3, 3, 6, 2, 25, 1, 1, 3, 1, 4, 1,
29, 1, 10, 1, 1, 1, 2, 4, 1, 4, 1, 3, 3, 1, 3, 2, 3, 2, 1, 92, 2, 4, 2, 1, 4, 2, 17 952,
2, 20, 32, 11, 1, 3, 1, 1, 19, 2, 12, 2, 1, 7, 4, 1, 5, 21, 2, 47, 13, 5, 2, 1, 1, 1, 4,
1, 5, 6, 1, 25, 1, 5, 2, 1, 298, 3, 1, 1, 1, 1, 1, 6, 1, 3, 3, 3, 1, 2, 6, 1, 6, 1, 1, 8,
2, 2, 2, 1, 4, 7, 2, 25, 2, 1, 4, 22, 1, 2, 1, 10, 1, 1, 2, 1, 1, 3, 1, 1, 17, 1, 1, 1, 2,
1, 1, 1, 2, 2, 5, 1, 1, 3, 3, 1, 2, 1, 2, 3, 13, 3, 1, 4, 3, 3, 1, 6, 1, 5, 2, 2, 14, 1, 1,
26, 1, 1, 23, 1, 1, 5, 1, 1, 2, 3, 1, 1, 1, 47, 1, 7, 2, 1, 53, 7, 3, 1, 5, 6, 1, 1, 3, 1,
4, 1, 1, 1, 1, 1, 2, 2, 1, 48, 5, 1, 3, 10, 2, 1, 1, 1, 1, 2, 5, 1, 1, 5, 4, 1, 4, 1, 2,
60, 1, 2, 5, 3, 1, 2, 4, 5, 1, 1, 6, 1, 2, 1, 2, 56, 1, 4, 1, 1, 1, 2, 3, 1, 9, 1, 2, 5,
1, 3, 7, 3, 2, 5, 2, 2, 1, 21, 1, 1, 8, 1, 2, 5, 1, 132, 1, 2, 1, 1, 4, 2, 9, 2, 13, 3, 3,
1, 2, 1, 1, 1, 2, 25, 1, 1, 3, 3, 2, 4, 2, 8, 3, 2, 1, 1, 1, 1, 40, 1, 53, 3, 133, 1, 12,
2, 1, 33, 2, 1, 10, 1, 8, 1, 3, 1, 1, 3, 1, 1, 9, 3, 5, 1, 19, 1, 1, 2, 1, 1, 1, 10, 1, 1,
1, 1, 4, 1, 1, 4, 1, 1, 2, 1, 6, 2, 3, 6, 3, 2, 3, 1, 6, 1, 7, 1, 1, 1, 3, 1, 1, 3, 7, 2,
2, 8, 1, 2, 8, 1, 2, 128, 16, 1, 2, 3, 3, 2, 1, 1, 1, 5, 1, 2, 1, 2, 80, 1, 2, 7, 1, 2, 1,
1, 3, 2, 7, 1, 26, 22, 7, 1, 4, 3, 1, 6, 1, 1, 2, 3, 1, 1, 5, 1, 3, 2, 2, 7, 3, 1, 1, 10,
1, 2, 1, 4, 1, 1, 1, 8, 5, 1, 1, 1, 3, 1, 2, 2, 5, 2, 2, 6, 1, 1, 1, 3, 1, 3, 2, 1, 1, 14,
7, 15, 1, 4, 3, 1, 1, 1, 9, 1, 1, 1, 2, 4, 20, 1, 17, 2, 4, 8, 3, 2, 1, 1, 1, 5, 2, 2, 30,
1, 4, 10, 3, 15, 1, 1, 1, 2, 3, 5, 1, 1, 2, 1, 1, 1, 2, 3, 5, 7, 1, 13, 32, 1, 1, 1,…]

Wird fortgesetzt
EPS(alg) DS(calc) 21.10.2015