Invariants of Modular Abelian Varieties

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Dear Barry,

This is a *preliminary* table which presents "congruence structure" and invariants of $J_0(N)$. Each level N is given in a box. Data about each Hecke stable new subvariety is tabulated in the rows. The final row of each box lists old factors which arise from lower level. The tabulated invariants of each abelian variety A are (will be) as follows:

$$
\begin{aligned}
d &= \text{dimension}\\
\Delta &= \mathrm{disc}(\mathbf{Z}(a_1, a_2, a_3, \ldots))\\
w &= \text{signs of Atkin-Lehner involutions}\\
c_p &= |\Phi_p(\mathbf{F}_p)| \text{ where } \Phi_p \text{ is the Neron model at } p\\
c_\infty &= \text{number of connected components of } A(\mathbf{R})\\
C &= \text{order of image of } 0-\infty\\
T &= \gcd\{|A(\mathbf{F}_p)| : p \le 37,\ (p,2N)=1\} = \text{ upper bound on } A(\mathbf{Q})_{\mathrm{tor}}\\
B &= T \cdot c_\infty \cdot \frac{L(A,1)}{\Omega}\\
\Omega &= \mathrm{Vol}(A(\mathbf{R})) \text{ w.r.t. basis of cusp forms having integer } q\text{-expansion}\\
S &= \text{upper bound on Ш implied by BSD}\\
\delta &= \text{modular polarization } A \to A^\vee\\
m &= \text{modular degree} = \sqrt{\deg(\delta)}\\
\mathrm{Ker}(\delta) &= \text{structure of kernel of modular polarization}
\end{aligned}
$$

In describing $\mathrm{Ker}(\delta)$, by "$A_{2^4,3,4} + B_{3^2}$" we mean the sum in $J_0(N)$ of a subgroup of A isomorphic as an abelian group to $(\mathbf{Z}/2)^4 \times \mathbf{Z}/3 \times \mathbf{Z}/4$ with a subgroup of B isomorphic to $(\mathbf{Z}/3)^2$. Coleman suggests that this notation leaves a lot to be desired. I'm using it now because it's the best I've thought of and it is compact and precise.

Forms are ordered as suggested by Cremona: first by dimension, then by the signs of their Atkin-Lehner involutions, and finally ties are broken using the traces of the a_p.

Notes: The c_p have not yet been computed, but there is an algorithm to compute them when p exactly divides N. Thus S has also not been computed. We list B instead of $L(1)/\Omega$ since $B \in \mathbf{Z}$.

This table, properly extended, should give information about visibility of Ш. Perhaps more about a "Serre's conjecture mod pq" can be gleaned from such a table as well.

All levels $N \leq 300$ and prime levels $p \leq 500$ are included.

Your comments are very much welcome.

Best regards,
William

11 $N = 11$ **11**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	5	5	1	1	

14 $N = 14 = 2 \cdot 7$ **14**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	$2 \cdot 3$	$2 \cdot 3$	1	1	

15 $N = 15 = 3 \cdot 5$ **15**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2^2	2^3	2	1	

17 $N = 17$ **17**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	2^2	2^2	1	1	

19 $N = 19$ **19**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	3	3	1	1	

20 $N = 20 = 2^2 \cdot 5$ **20**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	$2 \cdot 3$	$2 \cdot 3$	1	1	

21 $N = 21 = 3 \cdot 7$ **21**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	2^2	2^3	2	1	

22 $N = 22 = 2 \cdot 11$ **22**

d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$

A = 11A

23 $N = 23$ **23**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	11	11	1	1	

24 $N = 24 = 2^3 \cdot 3$ **24**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	2^2	2^3	2	1	

26 $N = 26 = 2 \cdot 13$ **26**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	3	3	1	2	B_{2^2}
B	1	$-+$	1	7	7	1	2	A_{2^2}

27 $N = 27 = 3^3$ **27**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	3	3	1	1	

28 $N = 28 = 2^2 \cdot 7$ **28**

d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$

A = 14A

29 $N = 29$ **29**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	7	7	1	1	

30 $N = 30 = 2 \cdot 3 \cdot 5$ **30**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	1	$2 \cdot 3$	$2^2 \cdot 3$	2	2	B_{2^2}

B = 15A

31 $N = 31$ **31**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	5	5	1	1	

32 $N = 32 = 2^5$ **32**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	2^2	2^2	1	1	

33 $N = 33 = 3 \cdot 11$ **33**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2	2^2	2	3	B_{3^2}

B = 11A

34 $N = 34 = 2 \cdot 17$ **34**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	3	$2 \cdot 3$	2	2	B_{2^2}

B = 17A

35 $N = 35 = 5 \cdot 7$ **35**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	3	3	1	2	B_{2^2}
B	2	$-+$	2	2^3	2^4	2	2	A_{2^2}

36 $N = 36 = 2^2 \cdot 3^2$ **36**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	$2 \cdot 3$	$2 \cdot 3$	1	1	

37 $N = 37$ **37**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	1	0	2	B_{2^2}
B	1	$-$	2	3	3	2	2	A_{2^2}

38 $N = 38 = 2 \cdot 19$ **38**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	3	3	1	$2 \cdot 3$	$B_{2^2} + C_{3^2}$
B	1	$-+$	1	5	5	1	2	A_{2^2}

C = 19A

39 $N = 39 = 3 \cdot 13$ **39**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2	2^2	2	2	B_{2^2}
B	2	$-+$	2	$2 \cdot 7$	$2^2 \cdot 7$	2	2	A_{2^2}

40 $N = 40 = 2^3 \cdot 5$ **40**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2	2^2	2	2	B_{2^2}

B = 20A

41 $N = 41$ **41**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$-$	1	$2 \cdot 5$	$2 \cdot 5$	1	1	

42 $N = 42 = 2 \cdot 3 \cdot 7$ **42**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	2^2	2^3	2	2^2	$B_{2^2} + C_{2^2}$

B = 21A, **C** = 14A

43 $N = 43$ **43**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	2	B_{2^2}
B	2	$-$	1	7	7	2	2	A_{2^2}

44 $N = 44 = 2^2 \cdot 11$ **44**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	3	3	1	2	B_{2^2}

B = 11A

45 $N = 45 = 3^2 \cdot 5$ **45**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	2	2^2	2	2	B_{2^2}

B = 15A

46 $N = 46 = 2 \cdot 23$ **46**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	1	2	2	1	5	B_{5^2}

B = 23A

47 $N = 47$ **47**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	4	$-$	1	23	23	1	1	

48 $N = 48 = 2^4 \cdot 3$ **48**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	2	2	2^3	2^2	2	B_{2^2}

B = 24A

49 $N = 49 = 7^2$ **49**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-$	1	2	2	1	1	

50 $N = 50 = 2 \cdot 5^2$ **50**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	1	3	3	1	2	B_{2^2}
B	1	$-+$	1	5	5	1	2	A_{2^2}

51 $N = 51 = 3 \cdot 17$ **51**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	3	3	1	2	B_{2^2}
B	2	$+-$	2	2^2	2^3	2	2^3	$A_{2^2} + C_{4^2}$

C = 17A

52 $N = 52 = 2^2 \cdot 13$ **52**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	2	2	1	3	C_{3^2}

B = 26A, **C** = 26B

53 $N = 53$ **53**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+$	1	1	1	0	2	B_{2^2}
B	3	$-$	1	13	13	2	2	A_{2^2}

54 $N = 54 = 2 \cdot 3^3$ **54**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	1	3	3	1	$2 \cdot 3$	$B_{2^2} + C_{3^2}$
B	1	$-+$	1	3	3^2	3	2	A_{2^2}

C = 27A

55 $N = 55 = 5 \cdot 11$ **55**

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	2	2	2^2	2	2	B_{2^2}
B	2	$+-$	2	2	2^2	2	$2 \cdot 7$	$A_{2^2} + C_{7^2}$

C = 11A

56 $N = 56 = 2^3 \cdot 7$ 56

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	2	2	1	2^2	$B_2 + C_{2,4}$
B	1	$-+$	1	2^2	2^2	1	2	$A_2 + C_2$

C = 14A

57 $N = 57 = 3 \cdot 19$ 57

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$C_{2^2} + D_{2^2}$
B	1	$-+$	2	2	2^2	2	3	C_{3^2}
C	1	$-+$	1	5	5	2	$2^2 \cdot 3$	$A_{2^2} + B_{3^2} + D_{2^2}$

D = 19A

58 $N = 58 = 2 \cdot 29$ 58

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$B_{2^2} + C_{2^2}$
B	1	$-+$	1	5	5	2	2^2	$A_{2^2} + C_{2^2}$

C = 29A

59 $N = 59$ 59

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	5	$-$	1	29	29	1	1	

60 $N = 60 = 2^2 \cdot 3 \cdot 5$ 60

d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$

A = 30A, **B** = 20A, **C** = 15A

61 $N = 61$ 61

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	2	B_{2^2}
B	3	$-$	1	5	5	2	2	A_{2^2}

62 $N = 62 = 2 \cdot 31$ 62

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2^2	2^2	1	2	B_{2^2}
B	2	$+-$	1	$2 \cdot 3$	$2 \cdot 3$	1	$2 \cdot 11$	$A_{2^2} + C_{11^2}$

C = 31A

63 $N = 63 = 3^2 \cdot 7$ 63

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2^2	2	2^2	$B_{2^2} + C_{2^2}$
B	2	$+-$	1	$2 \cdot 3$	$2^2 \cdot 3$	2	2^2	$A_{2^2} + C_{2^2}$

C = 21A

64 $N = 64 = 2^6$ 64

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	2	2	2^2	2	2	B_{2^2}

B = 32A

65 $N = 65 = 5 \cdot 13$ 65

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	2	$B_2 + C_2$
B	2	$+-$	2	3	$2 \cdot 3$	2	2^2	$A_2 + C_{2^3}$
C	2	$-+$	2	7	$2 \cdot 7$	2	2^2	$A_2 + B_{2^3}$

66 $N = 66 = 2 \cdot 3 \cdot 11$ 66

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	2	3	$2 \cdot 3$	2	2^2	$B_{2^2} + C_{2^2} + D_{2^2}$
B	1	$-++$	2	2	2^2	2	2^2	$A_{2^2} + C_{2^2} + D_{2^2}$
C	1	$---$	2	1	$2 \cdot 5$	$2 \cdot 5$	$2^2 \cdot 5$	$A_{2^2} + B_{2^2} + D_{2^2} + E_{5^2}$

D = 33A, **E** = 11A

67 $N = 67$ **67**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	1	1	1	5	C_{5^2}
B	2	$+$	1	1	1	0	2^2	C_{2^4}
C	2	$-$	1	11	11	2^2	$2^2\cdot 5$	$A_{5^2}+B_{2^4}$

68 $N = 68 = 2^2\cdot 17$ **68**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-+$	1	$2\cdot 3$	$2\cdot 3$	1	$2\cdot 3$	$B_{3^2}+C_{2^2}$

B = 34A, **C** = 17A

69 $N = 69 = 3\cdot 23$ **69**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	1	2	B_{2^2}
B	2	$+-$	2	2	2^2	2	$2\cdot 11$	$A_{2^2}+C_{11^2}$

C = 23A

70 $N = 70 = 2\cdot 5\cdot 7$ **70**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	2	2^2	2	2^2	$C_{2^2}+D_{2^2}$

B = 35A, **C** = 35B, **D** = 14A

71 $N = 71$ **71**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$-$	1	5	5	1	3^2	B_{9^2}
B	3	$-$	1	7	7	1	3^2	A_{9^2}

72 $N = 72 = 2^3\cdot 3^2$ **72**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	2	2^2	2	2^2	$B_{2^2}+C_{2^2}$

B = 36A, **C** = 24A

73 $N = 73$ **73**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	2	2	1	3	C_{3^2}
B	2	$+$	1	1	1	0	2^2	C_{2^4}
C	2	$-$	1	3	3	2^2	$2^2\cdot 3$	$A_{3^2}+B_{2^4}$

74 $N = 74 = 2\cdot 37$ **74**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+-$	1	3	3	1	$2^2\cdot 3$	$B_{2^4}+D_{3^2}$
B	2	$-+$	1	19	19	5	$2^2\cdot 5$	$A_{2^4}+C_{5^2}$

C = 37A, **D** = 37B

75 $N = 75 = 3\cdot 5^2$ **75**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	$2\cdot 3$	$C_{2^2}+D_{3^2}$
B	1	$-+$	1	2	2^2	2	$2\cdot 3$	$C_{3^2}+D_{2^2}$
C	1	$-+$	1	5	5	1	$2\cdot 3$	$A_{2^2}+B_{3^2}$

D = 15A

76 $N = 76 = 2^2\cdot 19$ **76**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	1	1	1	$2\cdot 3$	$C_{3^2}+D_{2^2}$

B = 38A, **C** = 38B, **D** = 19A

77 $N = 77 = 7\cdot 11$ **77**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$C_{2^2}+E_{2^2}$
B	1	$+-$	1	2	2	1	$2\cdot 3$	$D_{2^2}+E_{3^2}$
C	1	$-+$	1	3	3	2	$2^2\cdot 5$	$A_{2^2}+D_{5^2}+E_{2^2}$
D	2	$-+$	2	2	2^2	2	$2\cdot 5$	$B_{2^2}+C_{5^2}$

E = 11A

78 $N = 78 = 2 \cdot 3 \cdot 13$ **78**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	2	2^2	2	$2^3 \cdot 5$	$B_{4^2} + C_{2^2} + D_{5^2}$

B = 39A, **C** = 39B, **D** = 26A, **E** = 26B

79 $N = 79$ **79**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	1	0	2	B_{2^2}
B	5	$-$	2	13	13	2	2	A_{2^2}

80 $N = 80 = 2^4 \cdot 5$ **80**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2	2^2	2	2^2	$B_2 + C_{2^2} + D_{2^2}$
B	1	$-+$	1	2	2	1	2^2	$A_2 + C_2 + D_{2,4}$

C = 40A, **D** = 20A

81 $N = 81 = 3^4$ **81**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	3	3	1	3	B_{3^2}

B = 27A

82 $N = 82 = 2 \cdot 41$ **82**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	2^2	$B_{2^2} + C_{2^2}$
B	2	$-+$	2	7	$2 \cdot 7$	2^2	2^3	$A_{2^2} + C_{2^4}$

C = 41A

83 $N = 83$ **83**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	2	B_{2^2}
B	6	$-$	1	41	41	2	2	A_{2^2}

84 $N = 84 = 2^2 \cdot 3 \cdot 7$ **84**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	2	2	1	$2 \cdot 3$	$B_2 + C_{3^2} + D_2$
B	1	$---$	1	2	$2 \cdot 3$	3	$2 \cdot 3$	$A_2 + D_2 + E_{3^2}$

C = 42A, **D** = 21A, **E** = 14A

85 $N = 85 = 5 \cdot 17$ **85**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	2	2	2^2	$B_2 + C_2 + D_{2^2}$
B	2	$++$	2	1	2	0	2^3	$A_2 + C_{2^3} + D_{2^2}$
C	2	$-+$	2	3	$2 \cdot 3$	2^2	2^3	$A_2 + B_{2^3} + D_{2^2}$

D = 17A

86 $N = 86 = 2 \cdot 43$ **86**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+-$	1	3	3	1	$2^2 \cdot 7$	$B_{2^4} + D_{7^2}$
B	2	$-+$	1	11	11	5	$2^2 \cdot 5$	$A_{2^4} + C_{5^2}$

C = 43A, **D** = 43B

87 $N = 87 = 3 \cdot 29$ **87**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-+$	1	5	5	1	2^2	B_{2^4}
B	3	$+-$	2	2^2	2^3	2	$2^2 \cdot 23$	$A_{2^4} + C_{23^2}$

C = 29A

88 $N = 88 = 2^3 \cdot 11$ **88**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$B_{2^2} + C_{2^2} + D_{2^2}$
B	2	$-+$	2	2^2	2^3	2^2	2^3	$A_{2^2} + C_{2^2} + D_{2^2}$

C = 44A, **D** = 11A

89 $N = 89$ 89

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	2	C_{2^2}
B	1	$-$	1	2	2	1	5	C_{5^2}
C	5	$-$	1	11	11	2	$2 \cdot 5$	$A_{2^2} + B_{5^2}$

90 $N = 90 = 2 \cdot 3^2 \cdot 5$ 90

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	3	$2 \cdot 3$	2	2^3	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2}$
B	1	$-++$	1	3	$2 \cdot 3$	2	2^3	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2}$
C	1	$---$	1	1	$2^2 \cdot 3$	$2^2 \cdot 3$	2^4	$A_{2^2} + B_{2^2} + D_{2^2} + E_{2^2} + F_{4^2}$

D = 45A, **E** = 30A, **F** = 15A

91 $N = 91 = 7 \cdot 13$ 91

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$B_{2^2} + C_{2^2} + D_{2^2}$
B	1	$--$	1	1	3	0	2^2	$A_{2^2} + C_{2^2} + D_{2^2}$
C	2	$-+$	1	7	7	2	2^3	$A_{2^2} + B_{2^2} + D_{2^4}$
D	3	$+-$	2	2^3	2^4	2^2	2^3	$A_{2^2} + B_{2^2} + C_{2^4}$

92 $N = 92 = 2^2 \cdot 23$ 92

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	3	3	1	2	D_{2^2}
B	1	$--$	1	1	1	0	$2 \cdot 3$	$C_{3^2} + D_{2^2}$

C = 46A, **D** = 23A

93 $N = 93 = 3 \cdot 31$ 93

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^4	$B_{2^4} + C_{2^4}$
B	3	$-+$	2	2^4	2^6	2^4	2^4	$A_{2^4} + C_{2^4}$

C = 31A

94 $N = 94 = 2 \cdot 47$ 94

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	1	2	B_{2^2}
B	2	$+-$	1	2	2	1	$2 \cdot 47$	$A_{2^2} + C_{47^2}$

C = 47A

95 $N = 95 = 5 \cdot 19$ 95

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$-+$	2	$2 \cdot 5$	$2^2 \cdot 5$	2	2^3	B_{2^6}
B	4	$+-$	2	$2 \cdot 3$	$2^2 \cdot 3$	2	$2^3 \cdot 3^2$	$A_{2^6} + C_{9^2}$

C = 19A

96 $N = 96 = 2^5 \cdot 3$ 96

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	2	2^2	2	2^2	$B_2 + C_2 + D_2 + E_2$
B	1	$-+$	2	2	2^2	2	2^2	$A_2 + D_2 + E_2$

C = 48A, **D** = 32A, **E** = 24A

97 $N = 97$ 97

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+$	1	1	1	0	2^3	B_{2^6}
B	4	$-$	1	2^3	2^3	2^3	2^3	A_{2^6}

98 $N = 98 = 2 \cdot 7^2$ 98

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	2	2	2^4	$B_{2^2} + C_{2^2} + D_{4^2}$
B	2	$-+$	1	7	$2 \cdot 7$	2	2^3	$A_{2^2} + C_{2^2} + D_{2^2}$

C = 49A, **D** = 14A

99 $N = 99 = 3^2 \cdot 11$ 99

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	2	1	2	0	2^2	$B_{2^2} + C_{2^2} + E_{2^2}$
B	1	$+-$	2	1	2	2	$2^2 \cdot 3$	$A_{2^2} + C_{2^2} + E_{2^2} + F_{3^2}$
C	1	$-+$	2	2	2^2	2	$2^2 \cdot 3$	$A_{2^2} + B_{2^2} + D_{3^2} + E_{2^2}$
D	1	$-+$	1	1	1	1	$2 \cdot 3$	$C_{3^2} + F_{2^2}$

E = 33A, **F** = 11A

100 $N = 100 = 2^2 \cdot 5^2$ 100

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	2	1	2	2	$2^2 \cdot 3$	$C_{3^2} + D_{4^2}$

B = 50A, **C** = 50B, **D** = 20A

101 $N = 101$ 101

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+$	2	1	1	0	2	B_{2^2}
B	7	$-$	2	5^2	5^2	2	2	A_{2^2}

102 $N = 102 = 2 \cdot 3 \cdot 17$ 102

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+++$	2	1	2	0	2^3	$B_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
B	1	$+-+$	2	3	$2 \cdot 3$	2^2	$2^3 \cdot 3$	$A_{2^2} + C_{2^2} + D_{3^2} + E_{2^2} + F_{2^2} + G_{2^2}$
C	1	$---$	2	1	2^3	2^3	2^4	$A_{2^2} + B_{2^2} + E_{2^2} + F_{2^2} + G_{4^2}$

D = 51A, **E** = 51B, **F** = 34A, **G** = 17A

103 $N = 103$ 103

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	$+$	1	1	1	0	2^2	B_{2^4}
B	6	$-$	1	17	17	2^2	2^2	A_{2^4}

104 $N = 104 = 2^3 \cdot 13$ 104

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	1	1	1	2^3	$B_{2^2} + D_{2^2} + E_{4^2}$
B	2	$+-$	2	2	2^2	2	2^4	$A_{2^2} + C_{2^2} + D_{4^2} + E_{2^2}$

C = 52A, **D** = 26A, **E** = 26B

105 $N = 105 = 3 \cdot 5 \cdot 7$ 105

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$---$	2	2	2^2	2	2^2	$B_2 + D_2 + E_2 + F_2$
B	2	$++-$	2	2	2^4	2^3	$2^3 \cdot 5$	$A_2 + C_{5^2} + D_2 + E_{2^2} + F_2$

C = 35A, **D** = 35B, **E** = 21A, **F** = 15A

106 $N = 106 = 2 \cdot 53$ 106

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	1	1	1	0	2^3	$C_{2^2} + E_{2^2} + F_{2^2}$
B	1	$+-$	1	1	1	1	$2 \cdot 5$	$D_{2^2} + F_{5^2}$
C	1	$-+$	1	3	3	2^3	$2^4 \cdot 3$	$A_{2^2} + D_{3^2} + E_{4^2} + F_{2^2}$
D	1	$-+$	1	3	3	1	$2 \cdot 3$	$B_{2^2} + C_{3^2}$

E = 53A, **F** = 53B

107 $N = 107$ 107

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	$+$	1	1	1	0	2^2	B_{2^4}
B	7	$-$	1	53	53	2^2	2^2	A_{2^4}

108 $N = 108 = 2^2 \cdot 3^3$ 108

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	1	3	3	1	$2 \cdot 3$	$C_3 + D_3 + E_{2^2}$

B = 54A, **C** = 54B, **D** = 36A, **E** = 27A

109 $N = 109$ 109

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	1	1	1	2^2	C_{4^2}
B	3	$+$	1	1	1	0	2^3	C_{2^6}
C	4	$-$	1	3^2	3^2	2^3	2^5	$A_{4^2} + B_{2^6}$

110 $N = 110 = 2 \cdot 5 \cdot 11$ 110

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	3	3	1	$2^2 \cdot 7$	$B_{2^2} + C_{2^2} + D_{2^2} + F_{7^2}$
B	1	$-++$	1	3	3	1	2^2	$A_{2^2} + C_{2^2} + D_{2^2}$
C	1	$---$	1	1	5	5	$2^2 \cdot 5$	$A_{2^2} + B_{2^2} + D_{2^2} + G_{5^2}$
D	2	$+-+$	1	$2 \cdot 3$	$2^2 \cdot 3$	2	2^5	$A_{2^2} + B_{2^2} + C_{2^2} + E_{4^2} + F_{2^2}$

E = 55A, **F** = 55B, **G** = 11A

111 $N = 111 = 3 \cdot 37$ 111

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+-$	2	2	2^2	2	$2^3 \cdot 5$	$B_{2^6} + D_{5^2}$
B	4	$-+$	2	$2 \cdot 19$	$2^2 \cdot 19$	$2 \cdot 7$	$2^3 \cdot 7$	$A_{2^6} + C_{7^2}$

C = 37A, **D** = 37B

112 $N = 112 = 2^4 \cdot 7$ 112

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	2	0	2^3	$B_2 + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2}$
B	1	$+-$	1	2	2^2	2	2^2	$A_2 + C_2 + D_2 + E_2 + F_2$
C	1	$-+$	1	1	2	2	2^3	$A_{2^2} + B_2 + D_{2^2} + E_{2^2} + F_{2^2}$

D = 56A, **E** = 56B, **F** = 14A

113 $N = 113$ 113

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	2	2	1	$2 \cdot 3$	$B_{2^2} + D_{3^2}$
B	2	$-$	1	2	2	1	$2 \cdot 11$	$A_{2^2} + D_{11^2}$
C	3	$+$	1	1	1	0	2^3	D_{2^6}
D	3	$-$	1	7	7	2^3	$2^3 \cdot 3 \cdot 11$	$A_{3^2} + B_{11^2} + C_{2^6}$

114 $N = 114 = 2 \cdot 3 \cdot 19$ 114

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	2	1	2	2	$2^2 \cdot 5$	$B_{2^2} + C_{2^2} + E_{2^2} + G_{5^2}$
B	1	$-++$	2	2	2^2	$2 \cdot 5$	$2^2 \cdot 3 \cdot 5$	$A_{2^2} + C_{2^2} + D_{5^2} + E_{2^2} + H_{3^2}$
C	1	$---$	2	1	$2 \cdot 3$	$2 \cdot 3$	$2^2 \cdot 3$	$A_{2^2} + B_{2^2} + E_{2^2} + I_{3^2}$

D = 57A, **E** = 57B, **F** = 57C, **G** = 38A, **H** = 38B, **I** = 19A

115 $N = 115 = 5 \cdot 23$ 115

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	$2 \cdot 5$	$C_{2^2} + D_{5^2}$
B	2	$++$	1	1	1	0	2^4	$C_{2^4} + D_{2^4}$
C	4	$-+$	2	2^3	2^6	2^5	2^5	$A_{2^2} + B_{2^4} + D_{2^4}$

D = 23A

116 $N = 116 = 2^2 \cdot 29$ 116

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	3	3	1	2^3	$C_{4^2} + F_{2^2}$
B	1	$-+$	1	2	2	1	$3 \cdot 5$	$C_{5^2} + E_{3^2}$
C	1	$-+$	1	1	1	3	$2^3 \cdot 3 \cdot 5$	$A_{4^2} + B_{5^2} + D_{3^2} + F_{2^2}$

D = 58A, **E** = 58B, **F** = 29A

117 $N = 117 = 3^2 \cdot 13$ 117

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	2^2	0	2^3	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2}$
B	2	$+-$	1	3	$2^2 \cdot 3$	2^2	2^4	$A_{2^2} + C_{2^4} + D_{2^2} + E_{2^4}$
C	2	$-+$	1	1	2^2	2^2	2^6	$A_{2^2} + B_{2^4} + D_{2^2} + E_{4^4}$

D = 39A, **E** = 39B

118 $N = 118 = 2 \cdot 59$ 118

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$C_{2^2} + E_{2^2}$
B	1	$+-$	1	1	1	1	$2 \cdot 19$	$D_{2^2} + E_{19^2}$
C	1	$-+$	1	5	5	2	$2^2 \cdot 3$	$A_{2^2} + D_{3^2} + E_{2^2}$
D	1	$-+$	1	1	1	1	$2 \cdot 3$	$B_{2^2} + C_{3^2}$

E = 59A

119 $N = 119 = 7 \cdot 17$ 119

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	4	$-+$	1	3^2	3^2	1	2^4	B_{2^8}
B	5	$+-$	2	2^3	2^4	2	$2^6 \cdot 3$	$A_{2^8} + C_{12^2}$

C = 17A

120 $N = 120 = 2^3 \cdot 3 \cdot 5$ 120

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	1	2	2^2	2	2^3	$B_2 + C_2 + D_{2,4} + E_2 + F_2 + G_{2^2}$
B	1	$---$	2	2	2^3	2^2	2^3	$A_2 + C_{2^2} + D_2 + E_2 + F_{2^2} + G_2$

C = 40A, **D** = 30A, **E** = 24A, **F** = 20A, **G** = 15A

121 $N = 121 = 11^2$ 121

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	2^2	$D_{2^2} + E_{2^2}$
B	1	$-$	1	1	1	1	$2 \cdot 3$	$C_{2^2} + E_{3^2}$
C	1	$-$	1	1	1	1	$2 \cdot 3$	$B_{2^2} + D_{3^2}$
D	1	$-$	1	1	1	2	$2^3 \cdot 3$	$A_{2^2} + C_{3^2} + E_{4^2}$

E = 11A

122 $N = 122 = 2 \cdot 61$ 122

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$C_{2^2} + D_{2^2} + E_{2^2}$
B	2	$+-$	1	3	3	1	$2^2 \cdot 13$	$C_{2^4} + E_{13^2}$
C	3	$-+$	1	31	31	2^3	2^6	$A_{2^2} + B_{2^4} + D_{4^2} + E_{2^2}$

D = 61A, **E** = 61B

123 $N = 123 = 3 \cdot 41$ 123

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$B_{2^2} + C_{2^2} + D_{2^2}$
B	1	$--$	1	1	5	0	$2^2 \cdot 5$	$A_{2^2} + C_{2^2} + D_{2^2} + E_{5^2}$
C	2	$-+$	1	7	7	2	2^3	$A_{2^2} + B_{2^2} + D_{2^4}$
D	3	$+-$	2	2^2	2^3	2^2	$2^4 \cdot 23$	$A_{2^2} + B_{2^2} + C_{2^4} + E_{46^2}$

E = 41A

124 $N = 124 = 2^2 \cdot 31$ 124

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	1	1	1	$2 \cdot 3$	$C_{3^2} + E_{2^2}$
B	1	$--$	1	1	3	0	$2 \cdot 3$	$D_{3^2} + E_{2^2}$

C = 62A, **D** = 62B, **E** = 31A

125 $N = 125 = 5^3$ 125

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	2^2	B_{2^4}
B	2	$-$	1	5	5	2^2	$2^2 \cdot 5^2$	$A_{2^4} + C_{5^4}$
C	4	$-$	1	5	5	1	5^2	B_{5^4}

126 $N = 126 = 2 \cdot 3^2 \cdot 7$ 126

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	1	1	2^2	2^2	2^5	$B_{2^2} + C_{4^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
B	1	$---$	1	1	$2 \cdot 3$	$2 \cdot 3$	2^3	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$

C = 63A, **D** = 63B, **E** = 42A, **F** = 21A, **G** = 14A

127 $N = 127$ 127

	d	w	c_∞	C	T	B	m	Ker(δ)
A	3	+	1	1	1	0	2^3	B_{2^6}
B	7	−	1	$3\cdot 7$	$3\cdot 7$	2^3	2^3	A_{2^6}

128 $N = 128 = 2^7$ 128

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	+	1	1	2	0	2^2	$E_2 + F_2$
B	1	−	1	2	2	1	2^3	$D_{2^2} + E_2 + F_{2^2}$
C	1	−	1	2	2	1	2^2	$E_2 + F_2$
D	1	−	1	2	2	1	2^3	$B_{2^2} + E_2 + F_{2^2}$

E = 64A, **F** = 32A

129 $N = 129 = 3\cdot 43$ 129

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	++	1	1	1	0	2^3	$D_{2^2} + E_{2^2} + F_{2^2}$
B	1	−+	2	2	2^2	$2\cdot 3$	$3\cdot 5$	$D_{5^2} + E_{3^2}$
C	2	+−	1	1	1	1	$2^2\cdot 7$	$D_{2^4} + F_{7^2}$
D	3	−+	1	11	11	2^2	$2^5\cdot 5$	$A_{2^2} + B_{5^2} + C_{2^4} + E_{2^2} + F_{2^2}$

E = 43A, **F** = 43B

130 $N = 130 = 2\cdot 5\cdot 13$ 130

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	+−−	2	1	$2\cdot 3$	0	$2^3\cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{3^2}$
B	1	−++	2	1	2	2^3	$2^4\cdot 5$	$A_{2^2} + C_{2^2} + D_{4^2} + E_{2^2} + F_{2^2} + H_{5^2}$
C	1	−−−	2	1	2^2	2^2	2^3	$A_{2^2} + B_{2^2} + D_{2^2} + E_{2^2} + F_{2^2}$

D = 65A, **E** = 65B, **F** = 65C, **G** = 26A, **H** = 26B

131 $N = 131$ 131

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	+	1	1	1	0	2	B_{2^2}
B	10	−	1	$5\cdot 13$	$5\cdot 13$	2	2	A_{2^2}

132 $N = 132 = 2^2\cdot 3\cdot 11$ 132

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	−++	1	2	2	1	$2\cdot 3\cdot 5$	$B_2 + D_{3^2} + F_{5^2} + G_2$
B	1	−−−	1	2	2	1	$2\cdot 3$	$A_2 + E_{3^2} + G_2$

C = 66A, **D** = 66B, **E** = 66C, **F** = 44A, **G** = 33A, **H** = 11A

133 $N = 133 = 7\cdot 19$ 133

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	++	1	1	1	0	2^4	$B_{2^4} + C_{2^4} + D_{2^4}$
B	2	−+	1	5	5	2^2	2^4	$A_{2^4} + C_{2^4} + D_{2^4}$
C	2	−−	1	1	3^2	0	$2^4\cdot 3$	$A_{2^4} + B_{2^4} + D_{2^4} + E_{3^2}$
D	3	+−	2	2^2	2^3	2^3	$2^4\cdot 7$	$A_{2^4} + B_{2^4} + C_{2^4} + E_{7^2}$

E = 19A

134 $N = 134 = 2\cdot 67$ 134

	d	w	c_∞	C	T	B	m	Ker(δ)
A	3	+−	1	3	3	1	$2^3\cdot 5^2$	$B_{2^6} + C_{5^2} + E_{5^2}$
B	3	−+	1	17	17	19	$2^3\cdot 19$	$A_{2^6} + D_{19^2}$

C = 67A, **D** = 67B, **E** = 67C

135 $N = 135 = 3^3\cdot 5$ 135

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	++	1	1	1	0	$2^2\cdot 3$	$B_{2^2} + E_{3^2} + F_{2^2}$
B	1	+−	1	1	1	2	$2^2\cdot 3^2$	$A_{2^2} + C_{3^2} + F_{2^2} + G_{3^2}$
C	2	+−	1	3	3^2	3	$2^2\cdot 3^2$	$B_{3^2} + D_{2^4} + G_{3^2}$
D	2	−+	1	3	3	1	$2^2\cdot 3^2$	$C_{2^4} + E_{3^2} + F_{3^2}$

E = 45A, **F** = 27A, **G** = 15A

136 $N = 136 = 2^3 \cdot 17$ 136

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-+$	2	1	2	2	2^3	$B_2 + C_{2^2} + D_{2^2} + E_{2,4} + F_{2^2}$
B	1	$--$	2	1	2	0	2^3	$A_2 + C_{2^2} + D_{2^2} + E_2 + F_{2^2}$
C	2	$+-$	2	2	2^2	2^2	2^5	$A_{2^2} + B_{2^2} + D_{2^4} + E_{2^2} + F_{2^2,4}$

D = 68A, **E** = 34A, **F** = 17A

137 $N = 137$ 137

	d	w	c_∞	C	T	B	m	Ker(δ)
A	4	$+$	1	1	1	0	2^4	B_{2^8}
B	7	$-$	1	$2 \cdot 17$	$2 \cdot 17$	2^4	2^4	A_{2^8}

138 $N = 138 = 2 \cdot 3 \cdot 23$ 138

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+++$	1	1	2	0	2^3	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
B	1	$+-+$	1	3	$2 \cdot 3$	2	2^4	$A_{2^2} + C_{2^2} + D_{2^2} + E_{4^2} + F_{2^2} + G_{2^2}$
C	1	$-++$	1	2	2^2	2	2^3	$A_{2^2} + B_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
D	2	$---$	1	2	$2^2 \cdot 11$	$2^2 \cdot 11$	$2^4 \cdot 11$	$A_{2^2} + B_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_{11^2}$

E = 69A, **F** = 69B, **G** = 46A, **H** = 23A

139 $N = 139$ 139

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-$	1	1	1	1	$2 \cdot 3$	C_{6^2}
B	3	$+$	1	1	1	0	2^3	C_{2^6}
C	7	$-$	1	23	23	2^3	$2^4 \cdot 3$	$A_{6^2} + B_{2^6}$

140 $N = 140 = 2^2 \cdot 5 \cdot 7$ 140

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-++$	1	1	1	1	$2^2 \cdot 3 \cdot 5$	$B_{2^2} + C_{3^2} + D_{2^2} + E_{2^2} + F_{5^2}$
B	1	$---$	1	1	3	3	$2^2 \cdot 3$	$A_{2^2} + D_{2^2} + E_{2^2} + G_{3^2}$

C = 70A, **D** = 35A, **E** = 35B, **F** = 20A, **G** = 14A

141 $N = 141 = 3 \cdot 47$ 141

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	2	1	1	0	2^2	$D_{2^2} + E_{2^2} + F_{2^2}$
B	1	$+-$	1	2	2	1	$2^2 \cdot 3$	$C_2 + F_{2,4} + G_{3^2}$
C	1	$-+$	1	2^2	2^2	1	$2 \cdot 3$	$B_2 + D_{3^2} + F_2$
D	1	$-+$	2	1	1	2	$2^2 \cdot 3$	$A_{2^2} + C_{3^2} + E_{2^2} + F_{2^2}$
E	1	$--$	2	1	1	0	$2^2 \cdot 7$	$A_{2^2} + D_{2^2} + F_{2^2} + G_{7^2}$
F	2	$+-$	2	2	2	2	$2^4 \cdot 43$	$A_{2^2} + B_{2,4} + C_2 + D_{2^2} + E_{2^2} + G_{43^2}$

G = 47A

142 $N = 142 = 2 \cdot 71$ 142

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	2	1	1	0	2^2	$C_{2^2} + D_{2^2} + E_{2^2}$
B	1	$+-$	1	2	2	1	3^2	$C_{3^2} + F_{3^2} + G_{3^2}$
C	1	$+-$	2	1	1	2	$2^2 \cdot 3^4$	$A_{2^2} + B_{3^2} + D_{2^2} + E_{2^2} + F_{9^2} + G_{9^2}$
D	1	$-+$	2	3	3	2	2^2	$A_{2^2} + C_{2^2} + E_{2^2}$
E	1	$--$	2	1	1	0	$2^2 \cdot 3^2$	$A_{2^2} + C_{2^2} + D_{2^2} + F_{3^2} + G_{3^2}$

F = 71A, **G** = 71B

143 $N = 143 = 11 \cdot 13$ 143

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	1	1	1	0	2^2	$C_{2^2} + D_{2^2}$
B	4	$-+$	1	7	7	1	$2^4 \cdot 3^2$	$C_{2^8} + D_{9^2}$
C	6	$+-$	2	$2^2 \cdot 3$	$2^4 \cdot 3$	2^3	2^6	$A_{2^2} + B_{2^8} + D_{2^2}$

D = 11A

144 $N = 144 = 2^4 \cdot 3^2$ 144

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	1	2	2^2	2	2^3	$C_2 + D_{2^2} + E_{2^2} + F_2$
B	1	$-+$	1	2	2	1	2^2	E_{2^2}

C = 72A, **D** = 48A, **E** = 36A, **F** = 24A

145 $N = 145 = 5 \cdot 29$ 145

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	2^2	$B_{2^2} + C_{2^2} + D_{2^2}$
B	2	$--$	2^2	1	2^2	0	$2^3 \cdot 7$	$A_{2^2} + C_{2^3} + D_{2^3} + E_{7^2}$
C	3	$+-$	2^2	1	2^2	2^3	$2^4 \cdot 5^2$	$A_{2^2} + B_{2^3} + D_{2^5} + E_{5^4}$
D	3	$-+$	2^2	5	$2^2 \cdot 5$	2^3	2^4	$A_{2^2} + B_{2^3} + C_{2^5}$

E = 29A

146 $N = 146 = 2 \cdot 73$ 146

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+-$	2	3	$2 \cdot 3$	2	$2^4 \cdot 3^2$	$B_{2^6} + C_{2^2} + E_{9^2}$
B	4	$-+$	2	37	$2 \cdot 37$	$2 \cdot 19$	$2^4 \cdot 19$	$A_{2^6} + C_{2^2} + D_{19^2}$

C = 73A, **D** = 73B, **E** = 73C

147 $N = 147 = 3 \cdot 7^2$ 147

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	2	2^2	2	$2^3 \cdot 3$	$B_{3^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
B	1	$+-$	1	1	1	1	$2 \cdot 3$	$A_{3^2} + C_{2^2}$
C	1	$-+$	1	1	1	1	$2 \cdot 3 \cdot 7$	$B_{2^2} + E_{7^2} + G_{3^2}$
D	2	$++$	1	1	2	0	2^4	$A_{2^2} + E_{2^4} + F_{2^2} + G_{2^2}$
E	2	$-+$	1	7	$2 \cdot 7$	2^2	$2^4 \cdot 7$	$A_{2^2} + C_{7^2} + D_{2^4} + F_{2^2} + G_{2^2}$

F = 49A, **G** = 21A

148 $N = 148 = 2^2 \cdot 37$ 148

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	2	1	1	0	$2^2 \cdot 3$	$B_{2^2} + C_{3^2} + E_{2^2} + F_{2^2}$
B	2	$-+$	2	2	2^2	2^2	$2^2 \cdot 3^2$	$A_{2^2} + D_{3^4} + E_{2^2} + F_{2^2}$

C = 74A, **D** = 74B, **E** = 37A, **F** = 37B

149 $N = 149$ 149

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+$	1	1	1	0	2^3	B_{2^6}
B	9	$-$	1	37	37	2^3	2^3	A_{2^6}

150 $N = 150 = 2 \cdot 3 \cdot 5^2$ 150

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	1	2	2	$2^3 \cdot 5$	$B_{2^2} + C_{2^2} + D_5 + E_{2^2} + G_5 + I_{2^2} + J_{2^2}$
B	1	$-++$	1	1	2^2	2^2	$2^4 \cdot 3$	$A_{2^2} + C_{2^2} + E_{2^2} + H_{3^2} + I_{2^2} + J_{4^2}$
C	1	$---$	1	1	$2 \cdot 5$	$2 \cdot 5$	2^3	$A_{2^2} + B_{2^2} + E_{2^2} + I_{2^2} + J_{2^2}$

D = 75A, **E** = 75B, **F** = 75C, **G** = 50A, **H** = 50B, **I** = 30A, **J** = 15A

151 $N = 151$ 151

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+$	1	1	1	0	2^3	C_{2^6}
B	3	$-$	1	1	1	1	67	C_{67^2}
C	6	$-$	1	5^2	5^2	2^3	$2^3 \cdot 67$	$A_{2^6} + B_{67^2}$

152 $N = 152 = 2^3 \cdot 19$ 152

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$C_{2^2} + D_{2^2} + G_{2^2}$
B	1	$+-$	1	1	1	1	2^3	$C_{2^2} + E_{4^2} + F_{2^2}$
C	3	$-+$	2	2^2	2^3	2^2	2^6	$A_{2^2} + B_{2^2} + D_{2^2} + E_{2^2} + F_{4^2} + G_{2^2}$

D = 76A, **E** = 38A, **F** = 38B, **G** = 19A

153 $N = 153 = 3^2 \cdot 17$ 153

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$B_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$
B	1	$+-$	1	1	1	2	$2^3 \cdot 3$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_{3^2}$
C	1	$-+$	2	1	2^2	2^2	2^3	$E_{4^2} + G_{2^2} + H_{2^2}$
D	1	$--$	1	1	3	0	2^4	$A_{2^2} + B_{2^2} + E_{2^2} + F_{2^2} + G_{4^2}$
E	2	$-+$	2	1	2^2	2^3	2^7	$A_{2^2} + B_{2^2} + C_{4^2} + D_{2^2} + F_{4^2} + G_{2^4} + H_{2^2}$

F = 51A, **G** = 51B, **H** = 17A

154 — $N = 154 = 2 \cdot 7 \cdot 11$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	2	0	$2^3 \cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + E_{3^2} + F_{2^2} + H_{2^2} + I_{2^2}$
B	1	$++-$	1	1	2	2	2^4	$A_{2^2} + C_{2^2} + D_{2^2} + F_{4^2} + H_{2^2} + I_{2^2}$
C	1	$-++$	1	2	2^2	$2 \cdot 3$	$2^3 \cdot 3$	$A_{2^2} + B_{2^2} + D_{2^2} + E_{3^2} + F_{2^2} + H_{2^2} + I_{2^2}$
D	2	$---$	1	2	$2^2 \cdot 5$	$2^2 \cdot 5$	$2^4 \cdot 5$	$A_{2^2} + B_{2^2} + C_{2^2} + F_{2^2} + H_{2^2} + I_{2^2} + J_{5^2}$

E = 77A, **F** = 77B, **G** = 77C, **H** = 77D, **I** = 14A, **J** = 11A

155 — $N = 155 = 5 \cdot 31$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^2	$C_{2^2} + D_{2^2} + E_{2^2}$
B	1	$+-$	1	2	2	1	2^3	$D_{4,8} + E_2$
C	1	$--$	1	1	5	0	$2^2 \cdot 5$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{5^2}$
D	4	$+-$	1	$2 \cdot 3$	$2 \cdot 3$	2	$2^7 \cdot 7^2$	$A_{2^2} + B_{4,8} + C_{2^2} + E_{2^7} + F_{7^4}$
E	4	$-+$	2	2^4	2^5	2^2	2^5	$A_{2^2} + B_2 + C_{2^2} + D_{2^7}$

F = 31A

156 — $N = 156 = 2^2 \cdot 3 \cdot 13$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+-$	2	1	2	0	$2^2 \cdot 3$	$B_2 + C_{3^2} + D_{2^2} + E_2 + F_{2^2}$
B	1	$---$	2	1	$2 \cdot 3$	$2 \cdot 3$	$2^2 \cdot 3$	$A_2 + D_{2^2} + E_2 + F_{2^2} + G_{3^2}$

C = 78A, **D** = 52A, **E** = 39A, **F** = 39B, **G** = 26A, **H** = 26B

157 — $N = 157$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	5	$+$	1	1	1	0	2^5	$B_{2^{10}}$
B	7	$-$	1	13	13	2^5	2^5	$A_{2^{10}}$

158 — $N = 158 = 2 \cdot 79$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	1	0	2^3	$B_{2^2} + C_{2^2} + E_{2^2} + G_{2^2} + H_{2^2}$
B	1	$+-$	2	3	3	2^2	$2^3 \cdot 5$	$A_{2^2} + C_{2^2} + E_{2^2} + F_{5^2} + G_{2^2} + H_{2^2}$
C	1	$-+$	2	5	5	2^3	$2^4 \cdot 3$	$A_{2^2} + B_{2^2} + D_{3^2} + E_{2^2} + G_{4^2} + H_{2^2}$
D	1	$-+$	1	2	2	1	$2 \cdot 3$	$C_{3^2} + F_{2^2}$
E	1	$--$	2	1	1	0	2^5	$A_{2^2} + B_{2^2} + C_{2^2} + G_{2^2} + H_{8^2}$
F	2	$+-$	1	2	2	1	$2 \cdot 5 \cdot 53$	$B_{5^2} + D_{2^2} + H_{53^2}$

G = 79A, **H** = 79B

159 — $N = 159 = 3 \cdot 53$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	4	$-+$	1	3^2	3^2	7	$2^4 \cdot 7$	$B_{2^8} + C_{7^2}$
B	5	$+-$	2	2^2	2^3	2	$2^4 \cdot 107$	$A_{2^8} + D_{107^2}$

C = 53A, **D** = 53B

160 — $N = 160 = 2^5 \cdot 5$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	2^3	$B_2 + C_2 + F_2 + G_2 + H_{2^2}$
B	1	$-+$	2	1	2	2	2^3	$A_2 + C_2 + F_2 + G_2 + H_{2^2}$
C	2	$+-$	2^2	2	2^3	2^3	2^5	$A_2 + B_2 + D_{2^2} + E_{2^2} + F_{2^3} + G_{2^2} + H_{2^3}$

D = 80A, **E** = 80B, **F** = 40A, **G** = 32A, **H** = 20A

161 — $N = 161 = 7 \cdot 23$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	2	2^2	2	$2 \cdot 5$	$C_2 + D_{5,10}$
B	2	$++$	1	1	1	0	2^4	$D_{2^4} + E_{2^4}$
C	3	$+-$	1	2	2	1	$2^3 \cdot 19$	$A_2 + D_{2^5} + E_{19^2}$
D	5	$-+$	1	$2 \cdot 3$	$2 \cdot 3$	2^2	$2^7 \cdot 5$	$A_{5,10} + B_{2^4} + C_{2^5} + E_{2^4}$

E = 23A

162 — $N = 162 = 2 \cdot 3^4$ — 162

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	3	0	$2^2 \cdot 3$	$D_{2^2} + E_{2^2} + F_3 + H_3$
B	1	$+-$	1	3	3	1	$2 \cdot 3$	$C_{2^2} + E_3 + F_3 + H_3$
C	1	$-+$	1	3	3	1	$2 \cdot 3$	$B_{2^2} + D_3$
D	1	$-+$	1	3	3	2	$2^2 \cdot 3$	$A_{2^2} + C_3 + E_{2^2}$

E = 81A, **F** = 54A, **G** = 54B, **H** = 27A

163 — $N = 163$ — 163

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	2	0	$2 \cdot 3$	$B_{3^2} + C_{2^2}$
B	5	$+$	1	1	1	0	$2^5 \cdot 3$	$A_{3^2} + C_{2^{10}}$
C	7	$-$	1	3^3	$2 \cdot 3^3$	2^7	2^6	$A_{2^2} + B_{2^{10}}$

164 — $N = 164 = 2^2 \cdot 41$ — 164

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	4	$-+$	1	$2 \cdot 3$	$2 \cdot 3$	3	$2^3 \cdot 3^3$	$B_{3^2} + C_{3^4} + D_{2^6}$

B = 82A, **C** = 82B, **D** = 41A

165 — $N = 165 = 3 \cdot 5 \cdot 11$ — 165

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+++$	1	1	2^2	0	2^5	$B_{2^3} + C_{2^3} + D_{2^2} + E_{2^3} + F_2 + G_2$
B	2	$-++$	1	3	$2^2 \cdot 3$	2^2	2^5	$A_{2^3} + C_{2^3} + D_{2^2} + E_{2^3} + F_2 + G_2$
C	3	$---$	2	2	$2^4 \cdot 5$	$2^4 \cdot 5$	$2^6 \cdot 5$	$A_{2^3} + B_{2^3} + D_{2^2} + E_{2^3} + F_2 + G_{2^2} + H_{5^2}$

D = 55A, **E** = 55B, **F** = 33A, **G** = 15A, **H** = 11A

166 — $N = 166 = 2 \cdot 83$ — 166

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$C_{2^2} + D_{2^2} + E_{2^2}$
B	2	$+-$	1	1	1	1	$2^2 \cdot 131$	$C_{2^4} + E_{131^2}$
C	3	$-+$	1	7	7	2^3	2^6	$A_{2^2} + B_{2^4} + D_{4^2} + E_{2^2}$

D = 83A, **E** = 83B

167 — $N = 167$ — 167

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	2^2	B_{2^4}
B	12	$-$	1	83	83	2^2	2^2	A_{2^4}

168 — $N = 168 = 2^3 \cdot 3 \cdot 7$ — 168

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	2	2^2	2	$2^3 \cdot 3$	$B_2 + C_{2^2} + D_{2^2} + E_{3,6} + F_2 + G_2 + H_{2^2} + I_2 + J_2$
B	1	$+-+$	2	1	2^2	2^2	2^3	$A_2 + C_2 + D_2 + E_2 + F_2 + G_2 + H_2 + I_4 + J_2$

C = 84A, **D** = 84B, **E** = 56A, **F** = 56B, **G** = 42A, **H** = 24A, **I** = 21A, **J** = 14A

169 — $N = 169 = 13^2$ — 169

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	1	1	1	13	C_{13^2}
B	3	$+$	1	1	1	0	2^3	C_{2^6}
C	3	$-$	1	7	7	2^3	$2^3 \cdot 13$	$A_{13^2} + B_{2^6}$

170 — $N = 170 = 2 \cdot 5 \cdot 17$ — 170

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	2	3	$2 \cdot 3$	2^2	$2^5 \cdot 5$	$B_{5^2} + D_{2^2} + F_{2^2} + G_{4^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{2^2}$
B	1	$++-$	1	1	1	1	$2^2 \cdot 5$	$A_{5^2} + C_{2^2} + E_{2^2} + F_{2^2}$
C	1	$+-+$	1	3	3	1	$2^2 \cdot 3$	$B_{2^2} + E_{2^2} + F_{2^2} + I_{3^2}$
D	1	$+--$	2	1	2	0	2^4	$A_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{2^2}$
E	1	$-++$	1	3	3	7	$2^2 \cdot 3 \cdot 7$	$B_{2^2} + C_{2^2} + F_{2^2} + H_{7^2} + J_{3^2}$
F	2	$---$	2	1	2^4	2^4	2^7	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{4^2}$

G = 85A, **H** = 85B, **I** = 85C, **J** = 34A, **K** = 17A

171 — $N = 171 = 3^2 \cdot 19$ — 171

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	2	2^2	2	$2^2 \cdot 3$	$B_{3^2} + E_{2^2} + G_{2^2}$
B	1	$-+$	1	1	1	2	$2^5 \cdot 3$	$A_{3^2} + C_{4^2} + D_{2^2} + E_{2^2} + F_{2^2} + H_{2^2} + I_{2^2}$
C	1	$-+$	1	1	1	2	2^5	$B_{4^2} + D_{2^2} + E_{2^2} + F_{2^2} + H_{2^2} + I_{2^2}$
D	1	$--$	1	1	3	0	2^3	$B_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + H_{2^2} + I_{2^2}$
E	4	$+-$	1	$2 \cdot 3$	$2^2 \cdot 3$	2^2	$2^6 \cdot 3$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{6^2}$

F = 57A, **G** = 57B, **H** = 57C, **I** = 19A

172 — $N = 172 = 2^2 \cdot 43$ — 172

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	3	0	$2^2 \cdot 3$	$B_{2^2} + C_{3^2} + E_{2^2} + F_{2^2}$
B	2	$-+$	1	1	1	2	$2^3 \cdot 3^2$	$A_{2^2} + D_{3^4} + E_{2^2} + F_{2^4}$

C = 86A, **D** = 86B, **E** = 43A, **F** = 43B

173 — $N = 173$ — 173

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	4	$+$	1	1	1	0	2^4	B_{2^8}
B	10	$-$	1	43	43	2^4	2^4	A_{2^8}

174 — $N = 174 = 2 \cdot 3 \cdot 29$ — 174

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	1	1	1	$2^2 \cdot 13$	$C_{2^2} + D_{2^2} + E_{2^2} + G_{13^2}$
B	1	$+-+$	1	2	2^2	2	$2 \cdot 5$	$C_{5^2} + G_{2^2}$
C	1	$+-+$	1	3	3	7	$2^2 \cdot 5 \cdot 7 \cdot 11$	$A_{2^2} + B_{5^2} + D_{2^2} + E_{2^2} + F_{11^2} + H_{7^2}$
D	1	$-++$	1	1	1	1	$2^2 \cdot 3$	$A_{2^2} + C_{2^2} + E_{2^2} + I_{3^2}$
E	1	$---$	1	1	7	7	$2^2 \cdot 7$	$A_{2^2} + C_{2^2} + D_{2^2} + J_{7^2}$

F = 87A, **G** = 87B, **H** = 58A, **I** = 58B, **J** = 29A

175 — $N = 175 = 5^2 \cdot 7$ — 175

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^4	$B_{2^2} + C_{2^2} + D_{2^2} + G_{2^2} + H_{4^2}$
B	1	$-+$	1	1	1	2	$2^3 \cdot 5$	$A_{2^2} + C_{2^2} + D_{2^2} + F_{5^2} + G_{2^2} + H_{2^2}$
C	1	$--$	1	1	5	0	2^3	$A_{2^2} + B_{2^2} + D_{2^2} + G_{2^2} + H_{2^2}$
D	2	$+-$	1	2	2^2	2^2	$2^5 \cdot 3^2$	$A_{2^2} + B_{2^2} + C_{2^2} + E_{3^4} + G_{4^2} + H_{2^4}$
E	2	$+-$	1	5	5	1	$2^2 \cdot 3^2$	$D_{3^4} + F_{2^4}$
F	2	$-+$	1	1	1	1	$2^2 \cdot 3^2 \cdot 5$	$B_{5^2} + E_{2^4} + H_{3^4}$

G = 35A, **H** = 35B

176 — $N = 176 = 2^4 \cdot 11$ — 176

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	2^4	$D_{2^2} + G_{2^2} + H_{2^2}$
B	1	$-+$	1	1	1	1	2^3	$G_{2^2} + H_{2^2}$
C	1	$--$	1	1	1	0	2^3	$E_{2^2} + F_{2^2} + G_{2^2} + H_{2^2}$
D	2	$+-$	2	2	2^3	2^2	2^5	$A_{2^2} + F_{2^2} + G_{2^2} + H_{2^2}$

E = 88A, **F** = 88B, **G** = 44A, **H** = 11A

177 — $N = 177 = 3 \cdot 59$ — 177

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^4	$B_{2^4} + C_{2^4} + D_{2^4}$
B	2	$-+$	1	5	5	2^2	2^4	$A_{2^4} + C_{2^4} + D_{2^4}$
C	2	$--$	1	1	1	0	$2^4 \cdot 31$	$A_{2^4} + B_{2^4} + D_{2^4} + E_{31^2}$
D	3	$+-$	2	2	2^2	2^3	$2^4 \cdot 229$	$A_{2^4} + B_{2^4} + C_{2^4} + E_{229^2}$

E = 59A

178 — $N = 178 = 2 \cdot 89$ — 178

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	2	2	$2^2 \cdot 7$	$D_{2^2} + F_{2^2} + G_{7^2}$
B	1	$-+$	1	3	3	2^2	2^5	$C_{2^2} + D_{4^2} + E_{2^2} + G_{2^2}$
C	2	$++$	1	1	1	0	2^5	$B_{2^2} + D_{2^2} + E_{2^2} + G_{2^4}$
D	3	$-+$	2	5	$2 \cdot 5$	2^3	2^7	$A_{2^2} + B_{4^2} + C_{2^2} + E_{2^2} + F_{2^2} + G_{2^2}$

E = 89A, **F** = 89B, **G** = 89C

179 — $N = 179$ — 179

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	1	1	1	3^2	C_{9^2}
B	3	$+$	1	1	1	0	2^3	C_{2^6}
C	11	$-$	1	89	89	2^3	$2^3\cdot 3^2$	$A_{9^2}+B_{2^6}$

180 — $N = 180 = 2^2\cdot 3^2\cdot 5$ — 180

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$---$	2	1	$2\cdot 3$	$2\cdot 3$	$2^2\cdot 3$	$D_{3^2}+E_2+F_2+H_{2^2}+I_2$

B = 90A, **C** = 90B, **D** = 90C, **E** = 45A, **F** = 36A, **G** = 30A, **H** = 20A, **I** = 15A

181 — $N = 181$ — 181

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	5	$+$	1	1	1	0	2^5	$B_{2^{10}}$
B	9	$-$	1	$3\cdot 5$	$3\cdot 5$	2^5	2^5	$A_{2^{10}}$

182 — $N = 182 = 2\cdot 7\cdot 13$ — 182

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	1	1	1	$2^2\cdot 7\cdot 11$	$B_{2^2}+D_{2^2}+E_{2^2}+I_{11^2}+J_{7^2}$
B	1	$+-+$	1	1	1	1	$2^2\cdot 5\cdot 7$	$A_{2^2}+D_{2^2}+E_{2^2}+H_{7^2}+L_{5^2}$
C	1	$-++$	1	2	2^2	$2\cdot 5$	$2^2\cdot 3^2\cdot 5$	$D_{3^2}+F_{5^2}+I_{2^2}+K_{3^2}+L_{2^2}$
D	1	$-++$	1	1	1	1	$2^2\cdot 3^2$	$A_{2^2}+B_{2^2}+C_{3^2}+E_{2^2}+K_{3^2}$
E	1	$---$	1	1	3	3	$2^2\cdot 3$	$A_{2^2}+B_{2^2}+D_{2^2}+G_{3^2}$

F = 91A, **G** = 91B, **H** = 91C, **I** = 91D, **J** = 26A, **K** = 26B, **L** = 14A

183 — $N = 183 = 3\cdot 61$ — 183

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^5	$C_{2^4}+D_{2^2}+E_{2^4}$
B	3	$+-$	2	2	2^2	2	$2^3\cdot 19$	$C_{2^6}+E_{19^2}$
C	6	$-+$	2	$2\cdot 31$	$2^2\cdot 31$	$2^4\cdot 3$	$2^8\cdot 3$	$A_{2^4}+B_{2^6}+D_{6^2}+E_{2^4}$

D = 61A, **E** = 61B

184 — $N = 184 = 2^3\cdot 23$ — 184

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$E_{2^2}+F_{2^2}+I_{2^2}$
B	1	$+-$	1	2	2	1	$2^2\cdot 3$	$C_{3^2}+E_2+H_{2,4}$
C	1	$+-$	1	1	1	2	$2^3\cdot 3$	$B_{3^2}+D_{2^2}+I_{2^2}$
D	1	$--$	1	1	1	0	2^3	$C_{2^2}+I_{2^2}$
E	2	$-+$	1	2^2	2^3	2^2	2^4	$A_{2^2}+B_2+F_{2^2}+H_2+I_{2^2}$

F = 92A, **G** = 92B, **H** = 46A, **I** = 23A

185 — $N = 185 = 5\cdot 37$ — 185

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	$2\cdot 3$	$B_{3^2}+D_2+E_2$
B	1	$++$	2	1	1	0	$2^4\cdot 3$	$A_{3^2}+C_{2^2}+D_{2^2}+E_{2^2}+F_{4^2}+G_{2^2}$
C	1	$--$	2	1	1	0	2^3	$B_{2^2}+D_{2^2}+E_{2^2}+F_{2^2}+G_{2^2}$
D	5	$+-$	2^2	3	$2\cdot 3$	2^3	$2^7\cdot 3$	$A_2+B_{2^2}+C_{2^2}+E_{2^9}+F_{2^2}+G_{6^2}$
E	5	$-+$	2^2	19	$2\cdot 19$	2^5	2^9	$A_2+B_{2^2}+C_{2^2}+D_{2^9}+F_{8^2}+G_{2^2}$

F = 37A, **G** = 37B

186 — $N = 186 = 2\cdot 3\cdot 31$ — 186

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	1	1	1	$2^2\cdot 11$	$B_{2^2}+C_{2^2}+D_{2^2}+H_{11^2}$
B	1	$+-+$	1	1	1	1	$2^2\cdot 7$	$A_{2^2}+C_{2^2}+D_{2^2}+F_{7^2}$
C	1	$---$	1	1	5	5	$2^2\cdot 5$	$A_{2^2}+B_{2^2}+D_{2^2}+I_{5^2}$
D	2	$-++$	1	2^2	2^3	$2\cdot 19$	$2^6\cdot 19$	$A_{2^2}+B_{2^2}+C_{2^2}+E_{19^2}+F_{2^2}+G_{4^2}+H_{2^2}$

E = 93A, **F** = 93B, **G** = 62A, **H** = 62B, **I** = 31A

187 $\quad N = 187 = 11 \cdot 17 \quad$ 187

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	$2\cdot 3\cdot 5$	$C_{2^2}+F_{5^2}+G_{3^2}$
B	1	$-+$	1	3	3	2	2^4	$C_{2^2}+D_{2^2}+E_{2^2}+F_{2^2}+H_{2^2}$
C	2	$-+$	1	1	2	2^2	2^6	$A_{2^2}+B_{2^2}+D_{2^2}+E_{2^2}+F_{2^2}+H_{4^2}$
D	2	$--$	1	1	1	0	$2^5\cdot 3$	$B_{2^2}+C_{2^2}+E_{2^4}+F_{2^4}+G_{3^2}+H_{2^2}$
E	3	$++$	1	1	1	0	2^6	$B_{2^2}+C_{2^2}+D_{2^4}+F_{2^6}+H_{2^2}$
F	4	$+-$	2	2^2	2^3	2^4	$2^8\cdot 5$	$A_{5^2}+B_{2^2}+C_{2^2}+D_{2^4}+E_{2^6}+G_{4^2}+H_{2^2}$

G = 17A, **H** = 11A

188 $\quad N = 188 = 2^2 \cdot 47 \quad$ 188

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-+$	1	3	3	1	$2^2\cdot 3$	$C_{3^2}+E_{2^4}$
B	2	$--$	1	1	1	0	$2^2\cdot 3^2$	$D_{3^4}+E_{2^4}$

C = 94A, **D** = 94B, **E** = 47A

189 $\quad N = 189 = 3^3 \cdot 7 \quad$ 189

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	1	0	$2^2\cdot 3$	$B_{2^2}+C_{2^2}+D_{2^2}+G_{3^2}$
B	1	$+-$	2	3	3	2	$2^2\cdot 3$	$A_{2^2}+C_{2^2}+D_{2^2}+E_3+H_3$
C	1	$-+$	2	1	1	2	$2^2\cdot 3^2$	$A_{2^2}+B_{2^2}+D_{2^2}+F_{3^2}+J_{3^2}$
D	1	$--$	2	1	3	0	$2^2\cdot 3$	$A_{2^2}+B_{2^2}+C_{2^2}+H_3+I_3$
E	2	$+-$	1	3	3	1	$2^2\cdot 3^2$	$B_3+F_{2^4}+H_{3^3}$
F	2	$-+$	1	1	1	1	$2^2\cdot 3^3\cdot 7$	$C_{3^2}+E_{2^4}+G_{3^2}+I_{7^2}+J_{3^2}$

G = 63A, **H** = 63B, **I** = 27A, **J** = 21A

190 $\quad N = 190 = 2 \cdot 5 \cdot 19 \quad$ 190

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	1	0	2^3	$B_{2^2}+C_{2^2}+D_{2^2}+G_{2^2}+H_{2^2}$
B	1	$-+-$	1	1	1	0	$2^3\cdot 11$	$A_{2^2}+C_{2^2}+D_{2^2}+F_{11^2}+G_{2^2}+H_{2^2}$
C	1	$---$	1	1	3	$2\cdot 3$	$2^3\cdot 3$	$A_{2^2}+B_{2^2}+D_{2^2}+G_{2^2}+H_{2^2}+I_{3^2}$
D	2	$+-+$	1	2	2^2	2^2	$2^5\cdot 13$	$A_{2^2}+B_{2^2}+C_{2^2}+E_{26^2}+F_{2^2}+G_{2^2}+H_{2^2}$

E = 95A, **F** = 95B, **G** = 38A, **H** = 38B, **I** = 19A

191 $\quad N = 191 \quad$ 191

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	2^2	B_{2^4}
B	14	$-$	1	$5\cdot 19$	$5\cdot 19$	2^2	2^2	A_{2^4}

192 $\quad N = 192 = 2^6 \cdot 3 \quad$ 192

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2^2	0	2^3	$B_2+C_2+D_2+E_2+F_2+G_2+H_2+I_2+J_2$
B	1	$+-$	1	2	2^2	2	2^3	$A_2+C_2+D_2+E_2+F_2+G_2+H_2+I_2+J_2$
C	1	$+-$	2	2	2^2	2	2^3	$A_2+B_2+D_2+E_2+F_2+G_2+H_2+I_2+J_2$
D	1	$-+$	1	2	2^2	2	2^3	$A_2+B_2+C_2+E_2+F_2+G_2+H_2+I_2+J_2$

E = 96A, **F** = 96B, **G** = 64A, **H** = 48A, **I** = 32A, **J** = 24A

193 $\quad N = 193 \quad$ 193

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	$2^2\cdot 11$	$B_{11^2}+C_{2^4}$
B	5	$+$	1	1	1	0	$2^5\cdot 11$	$A_{11^2}+C_{2^{10}}$
C	8	$-$	1	2^4	2^4	2^7	2^7	$A_{2^4}+B_{2^{10}}$

194 $\quad N = 194 = 2 \cdot 97 \quad$ 194

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	1	2	2	$2\cdot 7$	$C_{7^2}+E_{2^2}$
B	4	$+-$	1	3	3	1	$2^4\cdot 67$	$C_{2^8}+E_{67^2}$
C	4	$-+$	1	7^2	7^2	71	$2^4\cdot 7\cdot 71$	$A_{7^2}+B_{2^8}+D_{71^2}$

D = 97A, **E** = 97B

195 — $N = 195 = 3 \cdot 5 \cdot 13$ — 195

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	1	1	1	1	$2^2 \cdot 3 \cdot 7$	$B_{2^2} + D_{2^2} + E_{2^2} + H_{7^2} + K_{3^2}$
B	1	$-++$	1	1	1	3	$2^2 \cdot 3 \cdot 7$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{3^2} + J_{7^2}$
C	1	$---$	2	2	2^3	2^2	$2^3 \cdot 3$	$D_{3^2} + E_2 + F_{2^2} + G_{2^2} + H_{2^2} + I_2 + J_2 + K_2$
D	1	$---$	1	1	1	1	$2^2 \cdot 3$	$A_{2^2} + B_{2^2} + C_{3^2} + E_{2^2}$
E	3	$++-$	2	2	2^4	2^3	$2^8 \cdot 11$	$A_{2^2} + B_{2^2} + C_2 + D_{2^2} + F_2 + G_{11,22} + H_2 + I_{2,4,8} + J_{2^4} + K_2$

F = 65A, **G** = 65B, **H** = 65C, **I** = 39A, **J** = 39B, **K** = 15A

196 — $N = 196 = 2^2 \cdot 7^2$ — 196

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	2	1	3	$2 \cdot 3$	$2 \cdot 3 \cdot 7$	$B_{2^2} + C_{7^2} + G_{3^2}$
B	1	$--$	2	1	1	0	$2 \cdot 3$	$A_{2^2} + D_{3^2}$
C	2	$-+$	1	2	2	1	$2 \cdot 3^2 \cdot 7$	$A_{7^2} + E_{3^4} + F_{2^2}$

D = 98A, **E** = 98B, **F** = 49A, **G** = 14A

197 — $N = 197$ — 197

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	1	0	$2 \cdot 5$	$B_{5^2} + C_{2^2}$
B	5	$+$	1	1	1	0	$2^5 \cdot 5$	$A_{5^2} + C_{2^{10}}$
C	10	$-$	2	7^2	7^2	2^6	2^6	$A_{2^2} + B_{2^{10}}$

198 — $N = 198 = 2 \cdot 3^2 \cdot 11$ — 198

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	2	3	$2 \cdot 3$	2^2	2^5	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{4^2} + H_{2^2} + J_{2^2} + K_{2^2} + L_{2^2} + M_{2^2}$
B	1	$+-+$	2	1	2	2^2	$2^5 \cdot 5$	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{5^2} + J_{4^2} + K_{2^2} + L_{2^2} + M_{2^2}$
C	1	$+--$	2	1	2^2	0	2^5	$A_{2^2} + B_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + J_{2^2} + K_{2^2} + L_{2^2} + M_{4^2}$
D	1	$-++$	2	3	$2 \cdot 3$	2^3	2^5	$A_{2^2} + B_{2^2} + C_{2^2} + E_{2^2} + F_{4^2} + G_{2^2} + H_{2^2} + J_{2^2} + K_{2^2} + L_{2^2} + M_{2^2}$
E	1	$---$	2	1	$2 \cdot 3$	$2^2 \cdot 3$	2^5	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + J_{2^2} + K_{2^2} + L_{4^2} + M_{2^2}$

F = 99A, **G** = 99B, **H** = 99C, **I** = 99D, **J** = 66A, **K** = 66B, **L** = 66C, **M** = 33A, **N** = 11A

199 — $N = 199$ — 199

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	1	1	1	71	C_{71^2}
B	4	$+$	1	1	1	0	2^4	C_{2^8}
C	10	$-$	1	$3 \cdot 11$	$3 \cdot 11$	2^4	$2^4 \cdot 71$	$A_{71^2} + B_{2^8}$

200 — $N = 200 = 2^3 \cdot 5^2$ — 200

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	2	2^2	$2^3 \cdot 5$	$B_{5^2} + C_{2^2} + E_{2^2} + F_{2^2} + I_{2^2} + J_{2^2}$
B	1	$+-$	1	1	1	1	$2^3 \cdot 3 \cdot 5$	$A_{5^2} + D_{2^2} + G_{4^2} + H_{2^2} + I_{3^2}$
C	1	$-+$	2	1	2^2	2^2	$2^3 \cdot 3$	$A_{2^2} + D_{3^2} + E_{2^2} + F_{2^2} + I_{2^2} + J_{2^2}$
D	1	$-+$	1	1	1	1	$2^3 \cdot 3$	$B_{2^2} + C_{3^2} + G_{2^2} + H_{4^2}$
E	1	$--$	2	1	2	0	2^3	$A_{2^2} + C_{2^2} + F_{2^2} + I_{2^2} + J_{2^2}$

F = 100A, **G** = 50A, **H** = 50B, **I** = 40A, **J** = 20A

201 — $N = 201 = 3 \cdot 67$ — 201

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^2 \cdot 3 \cdot 5$	$B_{3^2} + C_{2^2} + D_{2^2} + E_{2^2} + G_{5^2}$
B	1	$++$	1	1	1	0	$2^2 \cdot 3$	$A_{3^2} + E_{2^2} + F_{2^2}$
C	1	$--$	1	1	1	0	$2^2 \cdot 3$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{3^2}$
D	3	$+-$	1	1	1	2	$2^4 \cdot 19$	$A_{2^2} + C_{2^2} + E_{2^6} + H_{19^2}$
E	5	$-+$	2	$2 \cdot 17$	$2^2 \cdot 17$	$2^3 \cdot 29$	$2^6 \cdot 29$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^6} + F_{2^2} + G_{29^2}$

F = 67A, **G** = 67B, **H** = 67C

202 $N = 202 = 2 \cdot 101$ **202**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	$2 \cdot 17$	$C_{2^2} + E_{17^2}$
B	3	$++$	1	1	1	0	$2^6 \cdot 3$	$C_{2^6} + D_{3^2} + E_{2^6}$
C	4	$-+$	1	17	17	$2^3 \cdot 3$	$2^7 \cdot 3$	$A_{2^2} + B_{2^6} + D_{3^2} + E_{2^6}$

D = 101A, **E** = 101B

203 $N = 203 = 7 \cdot 29$ **203**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	1	$2^2 \cdot 3$	$B_{3^2} + D_2 + G_{2,4}$
B	1	$-+$	1	5	5	1	$2^4 \cdot 3$	$A_{3^2} + E_{2^2} + G_{8^2}$
C	1	$--$	1	1	1	0	2^3	$D_{2^2} + F_{2^2} + G_{2^2} + H_{2^2}$
D	2	$+-$	2	2^2	2^3	2^2	$2^4 \cdot 3^2$	$A_2 + C_{2^2} + E_{3^4} + F_{2^2} + G_{2^3} + H_{2^2}$
E	2	$+-$	1	1	1	1	$2^2 \cdot 3^2 \cdot 7$	$B_{2^2} + D_{3^4} + G_{2^2} + H_{7^2}$
F	3	$++$	1	1	1	0	2^6	$C_{2^2} + D_{2^2} + G_{2^6} + H_{2^4}$
G	5	$-+$	1	$2 \cdot 3$	$2 \cdot 3$	2^3	2^{12}	$A_{2,4} + B_{8^2} + C_{2^2} + D_{2^3} + E_{2^2} + F_{2^6} + H_{2^4}$

H = 29A

204 $N = 204 = 2^2 \cdot 3 \cdot 17$ **204**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	1	1	3	$2^2 \cdot 3 \cdot 11$	$B_{2^2} + C_{3^2} + F_{11^2} + G_{2^2} + H_{2^2}$
B	1	$---$	1	1	1	1	$2^2 \cdot 3$	$A_{2^2} + E_{3^2} + G_{2^2} + H_{2^2}$

C = 102A, **D** = 102B, **E** = 102C, **F** = 68A, **G** = 51A, **H** = 51B, **I** = 34A, **J** = 17A

205 $N = 205 = 5 \cdot 41$ **205**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	2	2	2^4	$B_{2^2} + C_2 + F_{4,8} + G_{2^2} + H_{2^2}$
B	1	$-+$	2	1	2	2	2^3	$A_{2^2} + C_2 + F_{2^2} + G_{4^2} + H_{2^2}$
C	1	$--$	2	1	2^2	0	$2^2 \cdot 3$	$A_2 + B_2 + E_{3^2} + F_2 + G_2 + H_{2^2}$
D	2	$++$	1	1	1	0	2^4	$E_{2^4} + F_{2^4} + G_{2^4}$
E	2	$--$	1	1	1	0	$2^4 \cdot 3 \cdot 13$	$C_{3^2} + D_{2^4} + F_{2^4} + G_{2^4} + H_{13^2}$
F	3	$+-$	2	1	2	2^3	$2^8 \cdot 31$	$A_{4,8} + B_{2^2} + C_2 + D_{2^4} + E_{2^4} + G_{2^6} + H_{62^2}$
G	3	$-+$	2	7	$2 \cdot 7$	2^3	2^7	$A_{2^2} + B_{4^2} + C_2 + D_{2^4} + E_{2^4} + F_{2^6} + H_{2^2}$

H = 41A

206 $N = 206 = 2 \cdot 103$ **206**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	2	2	1	$3 \cdot 5$	$B_{5^2} + C_{3^2}$
B	2	$+-$	1	1	1	1	$2^4 \cdot 5 \cdot 67$	$A_{5^2} + C_{2^4} + D_{2^4} + F_{67^2}$
C	2	$+-$	1	3	3	1	$2^4 \cdot 3 \cdot 17$	$A_{3^2} + B_{2^4} + D_{2^4} + F_{17^2}$
D	4	$-+$	1	13	13	19	$2^4 \cdot 19$	$B_{2^4} + C_{2^4} + E_{19^2}$

E = 103A, **F** = 103B

207 $N = 207 = 3^2 \cdot 23$ **207**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	2	0	2^4	$B_{2^2} + C_{2^2} + D_{2^2} + F_{2^2} + G_{4^2}$
B	2	$++$	1	1	2	0	2^5	$A_{2^2} + C_{2^4} + D_{2^4} + F_{2^2} + G_{2^4}$
C	2	$+-$	1	1	2	2^2	$2^5 \cdot 3^2$	$A_{2^2} + B_{2^4} + D_{2^4} + F_{2^2} + G_{2^4} + H_{3^4}$
D	2	$-+$	1	2	2^2	2^2	$2^6 \cdot 11$	$A_{2^2} + B_{2^4} + C_{2^4} + E_{11^2} + F_{4^2} + G_{2^4}$
E	2	$-+$	1	1	1	1	$2^2 \cdot 11$	$D_{11^2} + H_{2^4}$

F = 69A, **G** = 69B, **H** = 23A

208 $N = 208 = 2^4 \cdot 13$ **208**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^4	$C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + I_{2^2} + J_{2^2}$
B	1	$-+$	1	2	2	1	$2^2 \cdot 3$	$C_{3^2} + E_2 + G_2 + H_{2,4}$
C	1	$-+$	1	1	1	2	$2^4 \cdot 3$	$A_{2^2} + B_{3^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + I_{2^2} + J_{2^2}$
D	1	$--$	1	1	1	0	2^4	$A_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + I_{2^2} + J_{2^2}$
E	2	$+-$	2	2	2^2	2^2	2^6	$A_{2^2} + B_2 + C_{2^2} + D_{2^2} + F_{2^2} + G_{2^4} + H_{2^2} + I_{2^2} + J_{2^2}$

F = 104A, **G** = 104B, **H** = 52A, **I** = 26A, **J** = 26B

209 $N = 209 = 11 \cdot 19$ 209

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	3	0	$2^3 \cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + E_{3^2} + F_{2^2}$
B	2	$++$	1	1	1	0	2^4	$A_{2^2} + C_{2^2} + D_{2^4} + F_{2^2}$
C	5	$-+$	1	5	5	2	$2^7 \cdot 5$	$A_{2^2} + B_{2^2} + D_{2^{10}} + F_{10^2}$
D	7	$+-$	2	$2 \cdot 3$	$2^2 \cdot 3$	2^3	$2^8 \cdot 3 \cdot 5$	$A_{2^2} + B_{2^4} + C_{2^{10}} + E_{15^2} + F_{2^2}$

E = 19A, **F** = 11A

210 $N = 210 = 2 \cdot 3 \cdot 5 \cdot 7$ 210

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++++$	2	1	2^2	0	2^4	$B_{2^2} + C_2 + D_{2^2} + E_2 + F_{2^2} + G_{2^2} + H_2 + I_2 + K_2 + L_2 + M_2 + N_2 + O_2$
B	1	$+---$	2	1	$2^2 \cdot 3$	$2^2 \cdot 3$	$2^5 \cdot 3$	$A_{2^2} + C_2 + D_{2^2} + E_2 + F_{2,4} + G_{2^2} + H_2 + I_2 + K_2 + L_2 + M_2 + N_2 + O_{3,6}$
C	1	$-+--$	1	1	2^3	2^3	2^5	$A_2 + B_2 + D_2 + E_2 + F_2 + G_{2^2} + H_2 + I_2 + K_2 + L_{2^2} + M_2 + N_{2,4} + O_2$
D	1	$--+-$	2	1	$2^2 \cdot 3$	$2^3 \cdot 3$	$2^4 \cdot 3$	$A_{2^2} + B_{2^2} + C_2 + E_2 + F_{2^2} + G_{2^2} + H_2 + I_2 + J_{3^2} + K_2 + L_2 + M_2 + N_2 + O_2$
E	1	$---+$	1	1	2^4	2^5	2^7	$A_2 + B_2 + C_2 + D_2 + F_2 + G_{2^2} + H_{2^2} + I_{2^2} + K_{4,8} + L_2 + M_{2,4} + N_2 + O_{2^2}$

F = 105A, **G** = 105B, **H** = 70A, **I** = 42A, **J** = 35A, **K** = 35B, **L** = 30A, **M** = 21A,
N = 15A, **O** = 14A

211 $N = 211$ 211

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-$	1	5	5	2^2	$2^2 \cdot 41$	$B_{2^4} + D_{41^2}$
B	3	$+$	1	1	1	0	$2^3 \cdot 7$	$A_{2^4} + C_{7^2} + D_{2^2}$
C	3	$+$	1	1	1	0	$2^3 \cdot 7$	$B_{7^2} + D_{2^6}$
D	9	$-$	1	7	7	2^4	$2^4 \cdot 41$	$A_{41^2} + B_{2^2} + C_{2^6}$

212 $N = 212 = 2^2 \cdot 53$ 212

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	3	$3 \cdot 7$	$C_{7^2} + D_{3^2}$
B	1	$--$	1	1	1	0	$2^2 \cdot 3$	$C_{2^2} + E_{3^2} + H_{2^2} + I_{2^2}$
C	3	$-+$	1	3	3	2	$2^4 \cdot 3^2 \cdot 7$	$A_{7^2} + B_{2^2} + F_{3^2} + G_{3^2} + H_{2^2} + I_{2^6}$

D = 106A, **E** = 106B, **F** = 106C, **G** = 106D, **H** = 53A, **I** = 53B

213 $N = 213 = 3 \cdot 71$ 213

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	1	$2 \cdot 3$	$C_{3^2} + E_{2^2}$
B	2	$++$	1	1	1	0	2^4	$C_{2^4} + D_{2^4} + E_{2^4}$
C	2	$-+$	1	3	3	2^2	$2^4 \cdot 3$	$A_{3^2} + B_{2^4} + D_{2^4} + E_{2^4}$
D	2	$--$	1	1	1	0	$2^4 \cdot 3^2 \cdot 5$	$B_{2^4} + C_{2^4} + E_{2^4} + F_{3^4} + G_{5^2}$
E	4	$+-$	2	2	2^2	2^3	$2^5 \cdot 19 \cdot 61$	$A_{2^2} + B_{2^4} + C_{2^4} + D_{2^4} + F_{19^2} + G_{61^2}$

F = 71A, **G** = 71B

214 $N = 214 = 2 \cdot 107$ 214

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^2 \cdot 3 \cdot 5$	$B_{3^2} + C_{2^2} + G_{5^2} + H_{2^2}$
B	1	$++$	1	1	1	0	$2^2 \cdot 3$	$A_{3^2} + D_{2^2} + E_{2^2} + F_{2^2}$
C	1	$-+$	1	3	3	2	$2^2 \cdot 3$	$A_{2^2} + F_{3^2} + H_{2^2}$
D	1	$--$	1	1	1	0	$2^2 \cdot 7$	$B_{2^2} + E_{2^2} + F_{2^2} + H_{7^2}$
E	2	$+-$	1	1	1	2	$2^3 \cdot 109$	$B_{2^2} + D_{2^2} + F_{2^4} + H_{109^2}$
F	2	$-+$	1	3	3	$2 \cdot 11$	$2^3 \cdot 3 \cdot 11$	$B_{2^2} + C_{3^2} + D_{2^2} + E_{2^4} + G_{11^2}$

G = 107A, **H** = 107B

215 $N = 215 = 5 \cdot 43$ 215

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$C_{2^2} + E_{2^2} + F_{2^2}$
B	3	$-+$	1	11	11	1	$2^3 \cdot 7^2$	$C_{7^4} + D_{2^6}$
C	5	$-+$	2	2^2	2^4	$2^4 \cdot 5$	$2^6 \cdot 5 \cdot 7^2$	$A_{2^2} + B_{7^4} + D_{2^6} + E_{10^2} + F_{2^2}$
D	6	$+-$	1	3	3	1	$2^6 \cdot 31$	$B_{2^6} + C_{2^6} + F_{31^2}$

E = 43A, **F** = 43B

216 $N = 216 = 2^3 \cdot 3^3$ **216**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^3 \cdot 3$	$D_{2^2} + E_{2^2} + F_{3^2} + J_{2^2}$
B	1	$+-$	1	1	1	1	$2^3 \cdot 3$	$C_{2^2} + F_{3^2} + G_{4^2} + H_{2^2}$
C	1	$-+$	1	1	1	1	$2^3 \cdot 3^2$	$B_{2^2} + D_{3^2} + G_{2^2} + H_{4^2} + K_{3^2}$
D	1	$-+$	1	1	1	2	$2^3 \cdot 3^2$	$A_{2^2} + C_{3^2} + E_{2^2} + J_{2^2} + K_{3^2}$

E = 108A, **F** = 72A, **G** = 54A, **H** = 54B, **I** = 36A, **J** = 27A, **K** = 24A

217 $N = 217 = 7 \cdot 31$ **217**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$++$	1	1	1	0	2^6	$B_{2^6} + C_{2^6} + D_{2^6}$
B	3	$--$	1	1	3	0	$2^6 \cdot 19$	$A_{2^6} + C_{2^6} + D_{2^6} + E_{19^2}$
C	4	$-+$	1	2^3	2^3	2^3	2^7	$A_{2^6} + B_{2^6} + D_{2^8}$
D	5	$+-$	2	2^2	2^3	2^4	$2^7 \cdot 31$	$A_{2^6} + B_{2^6} + C_{2^8} + E_{31^2}$

E = 31A

218 $N = 218 = 2 \cdot 109$ **218**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	3	0	$2^3 \cdot 3$	$B_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + H_{6^2}$
B	2	$++$	1	1	1	0	$2^4 \cdot 7$	$A_{2^2} + C_{2^4} + E_{2^2} + F_{2^2} + G_{7^2} + H_{2^2}$
C	2	$-+$	1	11	11	2^2	$2^4 \cdot 11$	$A_{2^2} + B_{2^4} + D_{11^2} + E_{2^2} + F_{2^2} + H_{2^2}$
D	2	$-+$	1	5	5	41	$2^2 \cdot 11 \cdot 41$	$C_{11^2} + E_{2^4} + G_{41^2}$
E	3	$+-$	1	3	3	2	$2^8 \cdot 3$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^4} + F_{4^2} + H_{24^2}$

F = 109A, **G** = 109B, **H** = 109C

219 $N = 219 = 3 \cdot 73$ **219**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	$2^2 \cdot 3 \cdot 5$	$B_{3^2} + D_2 + E_{2^2} + F_{2^2} + G_{5^2}$
B	1	$++$	1	1	1	0	$2^2 \cdot 3$	$A_{3^2} + C_{2^2} + D_{2^2} + E_{2^2}$
C	1	$--$	1	1	3	0	$2^2 \cdot 3$	$B_{2^2} + D_{2^2} + E_{2^2} + H_{3^2}$
D	4	$+-$	2	2	2^3	2^3	$2^6 \cdot 17$	$A_2 + B_{2^2} + C_{2^2} + E_{2^8} + F_{2^2} + H_{17^2}$
E	6	$-+$	2	$2 \cdot 37$	$2^3 \cdot 37$	$2^4 \cdot 29$	$2^7 \cdot 29$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^8} + F_{2^3} + G_{29^2}$

F = 73A, **G** = 73B, **H** = 73C

220 $N = 220 = 2^2 \cdot 5 \cdot 11$ **220**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--+$	2	1	$2 \cdot 3$	0	$2^2 \cdot 3^2$	$B_2 + F_{3^2} + G_2 + H_{2^2} + I_{3^2} + J_{2^2}$
B	1	$---$	2	1	2	2	$2^2 \cdot 3$	$A_2 + E_{3^2} + G_2 + H_{2^2} + J_{2^2}$

C = 110A, **D** = 110B, **E** = 110C, **F** = 110D, **G** = 55A, **H** = 55B, **I** = 44A, **J** = 20A,
K = 11A

221 $N = 221 = 13 \cdot 17$ **221**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	2	2	$2^3 \cdot 3$	$B_{2^2} + D_{2^2} + E_{3^2} + F_2 + G_{2^2} + H_{2^2}$
B	1	$+-$	2	1	2	2	$2^3 \cdot 3 \cdot 5$	$A_{2^2} + D_{2^2} + E_{5^2} + F_2 + G_{2^2} + H_{6^2}$
C	2	$++$	1	1	1	0	2^4	$E_{2^4} + F_{2^4} + G_{2^4}$
D	2	$+-$	2	1	2^2	2^2	$2^4 \cdot 5$	$A_{2^2} + B_{2^2} + E_{5^2} + F_2 + G_{2^4} + H_{2^2}$
E	2	$+-$	1	7	7	2^2	$2^4 \cdot 3 \cdot 5^2$	$A_{3^2} + B_{5^2} + C_{2^4} + D_{5^2} + F_{2^4} + G_{2^4}$
F	3	$--$	2	1	2^3	0	2^7	$A_2 + B_2 + C_{2^4} + D_2 + E_{2^4} + G_{2^5} + H_{4^2}$
G	6	$-+$	2^2	3^2	$2^2 \cdot 3^2$	2^4	2^8	$A_{2^2} + B_{2^2} + C_{2^4} + D_{2^4} + E_{2^4} + F_{2^5} + H_{2^2}$

H = 17A

222 $N = 222 = 2 \cdot 3 \cdot 37$ **222**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	2	2^2	2	$2^2 \cdot 3^2$	$B_{3^2} + F_{2^2} + G_{2^2} + H_{3^2}$
B	1	$++-$	1	1	1	1	$2^2 \cdot 3^3 \cdot 23$	$A_{3^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{23^2} + H_{9^2}$
C	1	$+-+$	1	1	1	1	$2^2 \cdot 13$	$B_{2^2} + D_{2^2} + E_{2^2} + G_{13^2}$
D	1	$-++$	1	1	1	1	$2^2 \cdot 11$	$B_{2^2} + C_{2^2} + E_{2^2} + I_{11^2}$
E	1	$---$	1	1	3	3	$2^2 \cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + K_{3^2}$

F = 111A, **G** = 111B, **H** = 74A, **I** = 74B, **J** = 37A, **K** = 37B

223 — $N = 223$ — 223

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	2	1	1	0	$2^2 \cdot 7$	$B_{7^2} + C_{2^4}$
B	4	$+$	1	1	1	0	$2^4 \cdot 7$	$A_{7^2} + C_{2^8}$
C	12	$-$	2	37	37	2^6	2^6	$A_{2^4} + B_{2^8}$

224 — $N = 224 = 2^5 \cdot 7$ — 224

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	2	0	2^3	$C_2+D_2+E_2+F_2+G_2+H_2+I_2+J_2+K_2$
B	1	$+-$	1	2	2	1	2^3	$C_2 + D_2 + H_2 + I_2 + J_2 + K_2$
C	2	$+-$	1	2	2^2	2	2^6	$A_2 + B_2 + D_{2^3} + E_2 + F_2 + G_2 + H_{2^3} + I_{2^2} + J_{2^2} + K_{2^3}$
D	2	$-+$	1	2	2^2	2	2^6	$A_2 + B_2 + C_{2^3} + E_{2^2} + F_{2^2} + G_{2^2} + H_{2^3} + I_{2^3} + J_{2^2} + K_{2^3}$

E = 112A, **F** = 112B, **G** = 112C, **H** = 56A, **I** = 56B, **J** = 32A, **K** = 14A

225 — $N = 225 = 3^2 \cdot 5^2$ — 225

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$B_{2^2} + D_{2^2} + E_{2^2} + G_{2^2} + I_{2^2}$
B	1	$+-$	1	3	3	2	$2^3 \cdot 5$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{5^2} + G_{2^2} + I_{2^2}$
C	1	$-+$	1	1	2^2	2^2	$2^4 \cdot 3$	$D_{3^2} + F_{2^2} + H_{2^2} + J_{2^2} + K_{4^2}$
D	1	$-+$	1	1	1	2	$2^4 \cdot 3$	$A_{2^2} + B_{2^2} + C_{3^2} + E_{2^2} + G_{2^2} + I_{4^2}$
E	1	$--$	1	1	1	0	$2^4 \cdot 3$	$A_{2^2} + B_{2^2} + D_{2^2} + G_{4^2} + I_{2^2} + J_{3^2}$
F	2	$+-$	1	1	2^2	2^2	$2^4 \cdot 5$	$B_{5^2} + C_{2^2} + H_{2^2} + J_{2^2} + K_{2^2}$

G = 75A, **H** = 75B, **I** = 75C, **J** = 45A, **K** = 15A

226 — $N = 226 = 2 \cdot 113$ — 226

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	2	1	2	0	$2^3 \cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + H_{3^2}$
B	2	$++$	2^2	1	2	0	$2^4 \cdot 7$	$A_{2^2} + C_{2^2} + D_{2^4} + E_{2^2} + F_{2^2} + G_{7^2}$
C	2	$+-$	2	1	2	2^2	$2^6 \cdot 3$	$A_{2^2} + B_{2^2} + D_{2^4} + E_{2^2} + F_{2^2,4^2} + H_{3^2}$
D	4	$-+$	2^2	19	$2^2 \cdot 19$	$2^4 \cdot 41$	$2^6 \cdot 41$	$A_{2^2} + B_{2^4} + C_{2^4} + E_{2^2} + F_{2^4} + G_{41^2}$

E = 113A, **F** = 113B, **G** = 113C, **H** = 113D

227 — $N = 227$ — 227

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	$2^2 \cdot 7$	$D_{7^2} + E_{2^4}$
B	2	$-$	1	1	1	1	$2^2 \cdot 31$	$C_{2^4} + E_{31^2}$
C	2	$-$	1	1	1	1	$2^2 \cdot 5 \cdot 13$	$B_{2^4} + E_{65^2}$
D	3	$+$	1	1	1	0	$2^3 \cdot 7$	$A_{7^2} + E_{2^6}$
E	10	$-$	1	113	113	2^5	$2^5 \cdot 5 \cdot 13 \cdot 31$	$A_{2^4} + B_{31^2} + C_{65^2} + D_{2^6}$

228 — $N = 228 = 2^2 \cdot 3 \cdot 19$ — 228

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	2	2	1	$2 \cdot 3^2$	$C_2 + E_{3^2} + G_{3^2} + I_2 + L_{3^2}$
B	1	$-+-$	1	1	1	0	$2^3 \cdot 3$	$C_{2^2} + D_{3^2} + G_{2^2} + H_{2^2} + J_{2^2} + M_{2^2}$
C	2	$---$	1	2	$2 \cdot 3$	$2 \cdot 3$	$2^4 \cdot 3^2$	$A_2 + B_{2^2} + F_{3^2} + G_{2^2} + H_{2^2} + I_2 + J_{2^2} + K_{3^2} + M_{6^2}$

D = 114A, **E** = 114B, **F** = 114C, **G** = 76A, **H** = 57A, **I** = 57B, **J** = 57C, **K** = 38A, **L** = 38B, **M** = 19A

229 — $N = 229$ — 229

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	1	0	2^3	$B_{4^2} + C_{2^2}$
B	6	$+$	2	1	1	0	2^8	$A_{4^2} + C_{2^{12}}$
C	11	$-$	2^2	19	19	2^7	2^7	$A_{2^2} + B_{2^{12}}$

230 — $N = 230 = 2 \cdot 5 \cdot 23$ — 230

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++-$	1	3	3	1	$2^4 \cdot 5^2$	$B_{2^4} + C_{2^4} + D_{2^4} + E_{5^2} + H_{5^2} + I_{5^2}$
B	2	$+-+$	1	3	3	1	$2^4 \cdot 43$	$A_{2^4} + C_{2^4} + D_{2^4} + G_{43^2}$
C	2	$---$	1	1	11	11	$2^4 \cdot 11$	$A_{2^4} + B_{2^4} + D_{2^4} + I_{11^2}$
D	3	$-++$	1	$2 \cdot 3$	$2^2 \cdot 3$	$2 \cdot 19$	$2^6 \cdot 19$	$A_{2^4} + B_{2^4} + C_{2^4} + F_{19^2} + G_{2^2} + H_{2^2}$

E = 115A, **F** = 115B, **G** = 115C, **H** = 46A, **I** = 23A

231 $N = 231 = 3 \cdot 7 \cdot 11$ 231

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-+$	2	2^2	2^3	2	$2^2 \cdot 5$	$B_{5^2} + D_2 + E_2 + G_2 + I_2 + J_2 + K_2$
B	2	$+-+$	1	1	1	1	$2^4 \cdot 5^3$	$A_{5^2} + C_{2^4} + D_{2^4} + E_{2^4} + H_{5^2} + I_{5^2}$
C	2	$---$	1	1	5	5	$2^4 \cdot 5$	$B_{2^4} + D_{2^4} + E_{2^4} + L_{5^2}$
D	3	$++-$	1	2^2	2^3	2	$2^7 \cdot 3^2$	$A_2 + B_{2^4} + C_{2^4} + E_{2^5} + G_{6^2} + I_{2^2} + J_{3,6} + K_{2^2} + L_{3^2}$
E	3	$-++$	1	2^2	2^3	$2 \cdot 7$	$2^8 \cdot 7$	$A_2 + B_{2^4} + C_{2^4} + D_{2^5} + F_{7^2} + G_2 + I_2 + J_2 + K_{4,8}$

F = 77A, **G** = 77B, **H** = 77C, **I** = 77D, **J** = 33A, **K** = 21A, **L** = 11A

232 $N = 232 = 2^3 \cdot 29$ 232

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^4	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2}$
B	1	$-+$	1	1	1	2	2^4	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2}$
C	2	$--$	1	1	1	0	2^7	$A_{2^2} + B_{2^2} + D_{2^4} + E_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2,4^2}$
D	3	$+-$	2	2	2^2	2^3	2^8	$A_{2^2} + B_{2^2} + C_{2^4} + E_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2,4^2}$

E = 116A, **F** = 116B, **G** = 116C, **H** = 58A, **I** = 58B, **J** = 29A

233 $N = 233$ 233

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	2	2	1	3^3	C_{27^2}
B	7	$+$	1	1	1	0	2^7	$C_{2^{14}}$
C	11	$-$	1	29	29	2^7	$2^7 \cdot 3^3$	$A_{27^2} + B_{2^{14}}$

234 $N = 234 = 2 \cdot 3^2 \cdot 13$ 234

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	2	0	2^4	$C_{2^2} + D_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{2^2}$
B	1	$+-+$	1	1	1	1	$2^2 \cdot 7$	$E_{2^2} + H_{7^2} + L_{2^2} + M_{2^2}$
C	1	$-++$	1	1	2	2^2	$2^4 \cdot 3$	$A_{2^2} + D_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{2^2} + M_{3^2}$
D	1	$---$	1	1	2^2	2^4	$2^6 \cdot 5$	$A_{2^2} + C_{2^2} + E_{5^2} + F_{4^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{2^2} + K_{2^2}$
E	1	$---$	1	1	3	3	$2^2 \cdot 5$	$B_{2^2} + D_{5^2} + L_{2^2} + M_{2^2}$

F = 117A, **G** = 117B, **H** = 117C, **I** = 78A, **J** = 39A, **K** = 39B, **L** = 26A, **M** = 26B

235 $N = 235 = 5 \cdot 47$ 235

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	2	1	1	2	$2^2 \cdot 3^3$	$B_{3^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{9^2}$
B	1	$+-$	1	1	1	1	$2 \cdot 3^2$	$A_{3^2} + E_{2^2} + F_{3^2}$
C	1	$--$	2	1	1	0	$2^2 \cdot 3$	$A_{2^2} + D_{2^2} + E_{2^2} + F_{3^2}$
D	5	$++$	2	1	1	0	2^{10}	$A_{2^2} + C_{2^2} + E_{2^{10}} + F_{2^8}$
E	7	$-+$	2^2	2^4	2^6	2^7	2^{11}	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^{10}} + F_{2^8}$

F = 47A

236 $N = 236 = 2^2 \cdot 59$ 236

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	3	3	1	$2 \cdot 7$	$C_{7^2} + H_{2^2}$
B	1	$--$	1	1	1	0	$2 \cdot 3$	$E_{3^2} + H_{2^2}$
C	3	$-+$	1	1	1	3	$2^3 \cdot 3^3 \cdot 7$	$A_{7^2} + D_{3^2} + F_{3^2} + G_{3^2} + H_{2^6}$

D = 118A, **E** = 118B, **F** = 118C, **G** = 118D, **H** = 59A

237 $N = 237 = 3 \cdot 79$ 237

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+-$	1	1	1	1	$2^2 \cdot 31$	$C_{2^4} + E_{31^2}$
B	4	$++$	1	1	1	0	$2^8 \cdot 3$	$C_{2^8} + D_{3^2} + E_{2^8}$
C	7	$-+$	2	$2^3 \cdot 5$	$2^4 \cdot 5$	$2^5 \cdot 5$	$2^{10} \cdot 5$	$A_{2^4} + B_{2^8} + D_{5^2} + E_{2^8}$

D = 79A, **E** = 79B

238 — $N = 238 = 2 \cdot 7 \cdot 17$ — 238

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	2	0	2^3	$B_2+C_2+D_2+E_2+F_{2^2}+H_2+I_2+J_2+K_2$
B	1	$+-+$	1	1	2	2	$2^4 \cdot 5$	$A_2 + C_2 + D_2 + E_2 + F_{2^2} + G_{5^2} + H_2 + I_2 + J_2 + K_{2,4}$
C	1	$-++$	2	1	2	2^2	2^4	$A_2 + B_2 + D_{2^2} + E_{2^2} + F_{2^2} + H_{2^2} + I_{2,4} + J_{2^2} + K_2$
D	1	$--+$	2	1	2	0	$2^4 \cdot 7$	$A_2 + B_2 + C_{2^2} + E_{2^2} + F_{2^2} + G_{7^2} + H_{2^2} + I_{2,4} + J_{2^2} + K_2$
E	1	$---$	2	1	2^2	2^2	2^4	$A_2 + B_2 + C_{2^2} + D_{2^2} + F_{2^2} + H_{2^2} + I_{2^2} + J_{2,4} + K_2$
F	2	$++-$	2	1	2^2	2^3	$2^5 \cdot 61$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + H_{122^2} + I_{2^2} + J_{2^2} + K_{2^2}$

G = 119A, **H** = 119B, **I** = 34A, **J** = 17A, **K** = 14A

239 — $N = 239$ — 239

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$+$	1	1	1	0	2^3	B_{2^6}
B	17	$-$	1	$7 \cdot 17$	$7 \cdot 17$	2^3	2^3	A_{2^6}

240 — $N = 240 = 2^4 \cdot 3 \cdot 5$ — 240

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	2^2	0	2^4	$B_2 + C_{2^2} + D_{2^2} + E_{2^2} + F_2 + G_2 + I_2 + J_2 + K_{2^2} + L_2 + M_2 + N_{2^2}$
B	1	$++-$	2	1	2^3	2^3	2^4	$A_2 + C_2 + D_2 + E_2 + F_2 + G_{2^2} + I_2 + J_2 + K_2 + L_2 + M_{2^2} + N_2$
C	1	$-++$	1	1	2^2	2^2	$2^4 \cdot 3$	$A_{2^2} + B_2 + D_{2^2} + E_{2^2} + F_2 + G_2 + H_{3^2} + I_2 + J_2 + K_{2^2} + L_2 + M_2 + N_{2^2}$
D	1	$---$	1	1	2^3	2^3	2^4	$A_{2^2} + B_2 + C_{2^2} + E_{2^2} + F_2 + G_2 + I_2 + J_2 + K_{2^2} + L_2 + M_2 + N_{2^2}$

E = 120A, **F** = 120B, **G** = 80A, **H** = 80B, **I** = 48A, **J** = 40A, **K** = 30A, **L** = 24A, **M** = 20A, **N** = 15A

241 — $N = 241$ — 241

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	7	$+$	1	1	1	0	2^7	$B_{2^{14}}$
B	12	$-$	1	$2^2 \cdot 5$	$2^2 \cdot 5$	2^7	2^7	$A_{2^{14}}$

242 — $N = 242 = 2 \cdot 11^2$ — 242

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	3	3	2	$2^4 \cdot 11$	$B_{2^2} + C_{2^2} + D_{11^2} + E_{2^2} + H_{4^2} + I_{2^2}$
B	1	$--$	1	1	1	0	2^4	$A_{2^2} + C_{2^2} + E_{2^2} + H_{2^2} + I_{4^2}$
C	2	$++$	1	1	1	0	$2^4 \cdot 3$	$A_{2^2} + B_{2^2} + E_{2^4} + G_{3^2} + H_{2^2} + I_{2^2}$
D	2	$+-$	1	1	1	1	$2^2 \cdot 5 \cdot 11$	$A_{11^2} + F_{2^4} + J_{5^2}$
E	2	$-+$	1	11	11	$2^2 \cdot 3$	$2^4 \cdot 3 \cdot 11$	$A_{2^2} + B_{2^2} + C_{2^4} + F_{11^2} + G_{3^2} + H_{2^2} + I_{2^2}$
F	2	$-+$	1	1	5	5	$2^2 \cdot 5 \cdot 11$	$D_{2^4} + E_{11^2} + K_{5^2}$

G = 121A, **H** = 121B, **I** = 121C, **J** = 121D, **K** = 11A

243 — $N = 243 = 3^5$ — 243

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	3	0	$2 \cdot 3$	$D_{2^2} + E_3 + G_3$
B	1	$-$	1	3	3	1	3^2	$C_3 + D_3 + F_3 + H_3$
C	2	$-$	1	3	3	1	3^4	$B_3 + D_{3^3} + F_{3^2} + G_3 + H_{3^2}$
D	2	$-$	1	3	3	2	$2 \cdot 3^4$	$A_{2^2} + B_3 + C_{3^3} + F_{3^2} + G_3 + H_{3^2}$
E	3	$+$	1	1	3	0	$2^3 \cdot 3^2$	$A_3 + F_{2^6} + G_{3^2} + H_3$
F	3	$-$	1	3	3	2^3	$2^3 \cdot 3^4$	$B_3 + C_{3^2} + D_{3^2} + E_{2^6} + G_{3^2} + H_{3^2}$

G = 81A, **H** = 27A

244 — $N = 244 = 2^2 \cdot 61$ — 244

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$--$	1	1	1	0	$2^2 \cdot 3$	$B_{2^2} + D_{3^2} + F_{2^2} + G_{2^2}$
B	4	$-+$	1	2	2	$2 \cdot 3$	$2^4 \cdot 3^4$	$A_{2^2} + C_{3^2} + E_{3^6} + F_{2^2} + G_{2^6}$

C = 122A, **D** = 122B, **E** = 122C, **F** = 61A, **G** = 61B

245 — $N = 245 = 5 \cdot 7^2$ — 245

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	2	$2^4 \cdot 3 \cdot 7$	$B_{2^2}+C_{2^2}+D_{2^2}+E_{2^2}+F_{7^2}+G_{2^2}+I_{3^2}+J_{2^2}+K_{2^2}$
B	1	$--$	1	1	1	0	2^5	$A_{2^2}+C_{2^2}+D_{2^2}+E_{2^2}+G_{2^2}+J_{2^2}+K_{4^2}$
C	1	$--$	1	1	1	0	$2^4 \cdot 3$	$A_{2^2}+B_{2^2}+D_{2^2}+E_{2^2}+G_{2^2}+I_{3^2}+J_{2^2}+K_{2^2}$
D	2	$++$	1	1	1	0	2^5	$A_{2^2}+B_{2^2}+C_{2^2}+E_{2^2}+G_{2^4}+J_{2^2}+K_{2^2}$
E	2	$+-$	1	2	2^2	2^2	$2^7 \cdot 3^2$	$A_{2^2}+B_{2^2}+C_{2^2}+D_{2^2}+F_{3^4}+G_{2^2}+I_{2^2}+J_{4^2}+K_{2^4}$
F	2	$+-$	1	1	1	1	$2^2 \cdot 3^2 \cdot 7$	$A_{7^2}+E_{3^4}+H_{2^4}$
G	2	$-+$	1	7	7	2^2	$2^5 \cdot 7$	$A_{2^2}+B_{2^2}+C_{2^2}+D_{2^4}+E_{2^2}+H_{7^2}+J_{2^2}+K_{2^2}$
H	2	$-+$	1	1	1	1	$2^2 \cdot 3^2 \cdot 7$	$F_{2^4}+G_{7^2}+K_{3^4}$

I = 49A, **J** = 35A, **K** = 35B

246 — $N = 246 = 2 \cdot 3 \cdot 41$ — 246

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	2	1	2	0	$2^4 \cdot 3$	$C_{2^2}+G_{2^2}+H_{3^2}+K_{2^2}+L_{2^2}+M_{2^2}+N_{2^2}$
B	1	$++-$	1	1	1	1	$2^2 \cdot 11$	$D_{2^2}+E_{2^2}+F_{2^2}+K_{11^2}$
C	1	$+-+$	2	1	2	$2^3 \cdot 3$	$2^4 \cdot 3 \cdot 5 \cdot 7$	$A_{2^2}+D_{5^2}+G_{2^2}+J_{7^2}+K_{2^2}+L_{6^2}+M_{2^2}+N_{2^2}$
D	1	$+-+$	1	3	3	1	$2^2 \cdot 5$	$B_{2^2}+C_{5^2}+E_{2^2}+F_{2^2}$
E	1	$-++$	1	1	1	3	$2^2 \cdot 3 \cdot 7$	$B_{2^2}+D_{2^2}+F_{2^2}+H_{3^2}+M_{7^2}$
F	1	$---$	1	1	5	5^2	$2^2 \cdot 3 \cdot 5^2$	$B_{2^2}+D_{2^2}+E_{2^2}+G_{3^2}+I_{5^2}+N_{5^2}$
G	1	$---$	2	1	2^2	2^2	$2^3 \cdot 3$	$A_{2^2}+C_{2^2}+F_{3^2}+K_{2^2}+L_{2^2}+M_{2^2}+N_{2^2}$

H = 123A, **I** = 123B, **J** = 123C, **K** = 123D, **L** = 82A, **M** = 82B, **N** = 41A

247 — $N = 247 = 13 \cdot 19$ — 247

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-+$	1	5	5	1	$2^2 \cdot 31$	$D_{2^4}+E_{31^2}$
B	3	$--$	1	1	3	0	$2^6 \cdot 3$	$C_{2^6}+D_{2^6}+E_{2^6}+F_{3^2}$
C	4	$++$	1	1	1	0	2^8	$B_{2^6}+D_{2^6}+E_{2^8}+F_{2^2}$
D	5	$+-$	1	7	7	2^3	$2^8 \cdot 5$	$A_{2^4}+B_{2^6}+C_{2^6}+E_{2^6}+F_{5^2}$
E	5	$-+$	2	2^2	2^3	2^5	$2^8 \cdot 31$	$A_{31^2}+B_{2^6}+C_{2^8}+D_{2^6}+F_{2^2}$

F = 19A

248 — $N = 248 = 2^3 \cdot 31$ — 248

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$D_{2^2}+F_{2^2}+J_{2^2}$
B	1	$-+$	1	2	2	1	2^4	$D_{4^2}+E_{2^2}+H_{2^2}+I_{2^2}$
C	1	$--$	1	1	1	0	2^3	$E_{2^2}+J_{2^2}$
D	2	$-+$	1	2	2^2	2^2	2^7	$A_{2^2}+B_{4^2}+E_{2^2}+F_{2^2}+H_{2^2}+I_{2^2}+J_{2^2}$
E	3	$+-$	1	2	2^2	2^2	2^8	$B_{2^2}+C_{2^2}+D_{2^2}+H_{2^2}+I_{2,4^3}+J_{2^2}$

F = 124A, **G** = 124B, **H** = 62A, **I** = 62B, **J** = 31A

249 — $N = 249 = 3 \cdot 83$ — 249

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	2^3	$B_{2^2}+C_{2^2}+D_{2^2}+E_{2^2}$
B	1	$++$	1	1	1	0	$2^3 \cdot 3$	$A_{2^2}+C_{2^2}+D_{2^2}+E_{2^2}+F_{3^2}$
C	2	$--$	1	1	1	0	$2^4 \cdot 31$	$A_{2^2}+B_{2^2}+D_{2^4}+E_{2^4}+G_{31^2}$
D	4	$-+$	1	7	7	$2^2 \cdot 5$	$2^6 \cdot 5$	$A_{2^2}+B_{2^2}+C_{2^4}+E_{2^8}+F_{5^2}$
E	5	$+-$	2	2	2^2	2^3	$2^6 \cdot 2711$	$A_{2^2}+B_{2^2}+C_{2^4}+D_{2^8}+G_{2711^2}$

F = 83A, **G** = 83B

250 — $N = 250 = 2 \cdot 5^3$ — 250

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	$2^4 \cdot 5$	$D_{2^4}+E_5+G_{2^4}+H_5$
B	2	$+-$	1	1	1	1	$2^2 \cdot 5 \cdot 11$	$C_{2^4}+F_{11^2}+G_5+H_5$
C	2	$-+$	1	5	5	11	$2^2 \cdot 5^2 \cdot 11$	$B_{2^4}+D_{5^3}+E_{11^2}+I_5$
D	2	$-+$	1	5	5	2^2	$2^4 \cdot 5^2$	$A_{2^4}+C_{5^3}+G_{2^4}+I_5$

E = 125A, **F** = 125B, **G** = 125C, **H** = 50A, **I** = 50B

251 $N = 251$ 251

	d	w	c_∞	C	T	B	m	Ker(δ)
A	4	$+$	1	1	1	0	2^4	B_{2^8}
B	17	$-$	1	5^3	5^3	2^4	2^4	A_{2^8}

252 $N = 252 = 2^2 \cdot 3^2 \cdot 7$ 252

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$--+$	1	1	2	0	$2^4 \cdot 3$	$B_{2^2}+C_{3^2}+E_{4^2}+F_{2^2}+G_2+H_{2^2}+J_{2^2}+K_2$
B	1	$---$	1	1	$2 \cdot 3$	$2 \cdot 3$	$2^4 \cdot 3$	$A_{2^2}+D_{3^2}+E_{2^2}+F_{4^2}+G_2+H_{2^2}+J_{2^2}+K_2$

C = 126A, **D** = 126B, **E** = 84A, **F** = 84B, **G** = 63A, **H** = 63B, **I** = 42A, **J** = 36A, **K** = 21A, **L** = 14A

253 $N = 253 = 11 \cdot 23$ 253

	d	w	c_∞	C	T	B	m	Ker(δ)
A	3	$+-$	1	1	1	2^3	$2^6 \cdot 19$	$B_{2^6} + C_{2^6} + D_{2^6} + E_{19^2}$
B	3	$--$	1	1	5	0	$2^6 \cdot 5^2$	$A_{2^6} + C_{2^6} + D_{2^6} + E_{5^2} + F_{5^2}$
C	5	$++$	1	1	1	0	2^{10}	$A_{2^6} + B_{2^6} + D_{2^{10}} + E_{2^4}$
D	6	$-+$	2	2^2	2^4	2^7	$2^{10} \cdot 23$	$A_{2^6} + B_{2^6} + C_{2^{10}} + E_{2^4} + F_{23^2}$

E = 23A, **F** = 11A

254 $N = 254 = 2 \cdot 127$ 254

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$++$	2	1	1	0	$2^2 \cdot 3$	$D_{2^2} + E_{2^2} + F_{2^2} + G_{3^2}$
B	1	$-+$	1	2^2	2^2	3	$2^3 \cdot 3$	$C_{2^2} + E_{2^2} + F_{2^2} + G_{3^2}$
C	1	$-+$	1	2	2	1	2^4	$B_{2^2} + E_{4^2} + F_{2^2}$
D	1	$--$	2	1	3	0	$2^2 \cdot 3^2$	$A_{2^2} + E_{2^2} + F_{2^2} + H_{9^2}$
E	2	$-+$	2	2	2	$2 \cdot 17$	$2^6 \cdot 17$	$A_{2^2} + B_{2^2} + C_{4^2} + D_{2^2} + F_{2^4} + G_{17^2}$
F	5	$+-$	2	$2 \cdot 3$	$2 \cdot 3$	2	$2^5 \cdot 3 \cdot 383$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + E_{2^4} + H_{1149^2}$

G = 127A, **H** = 127B

255 $N = 255 = 3 \cdot 5 \cdot 17$ 255

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	$++-$	1	1	1	1	$2^4 \cdot 3 \cdot 13$	$B_{2^4} + C_{2^4} + D_{2^4} + E_{3^2} + I_{13^2}$
B	2	$+-+$	1	1	1	1	$2^4 \cdot 5 \cdot 11$	$A_{2^4} + C_{2^4} + D_{2^4} + G_{11^2} + K_{5^2}$
C	3	$---$	2	2	2^5	2^4	2^9	$A_{2^4}+B_{2^4}+D_{2^5}+E_{2^2}+F_{2^2}+G_{2^2}+I_{2^2}+J_{4^2}+K_2$
D	4	$-++$	2	$2 \cdot 3$	$2^4 \cdot 3$	$2^3 \cdot 17$	$2^7 \cdot 3^2 \cdot 17$	$A_{2^4}+B_{2^4}+C_{2^5}+E_2+F_{17,34}+G_2+H_{9^2}+I_2+J_2+K_{2^2}$

E = 85A, **F** = 85B, **G** = 85C, **H** = 51A, **I** = 51B, **J** = 17A, **K** = 15A

256 $N = 256 = 2^8$ 256

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+$	2	1	2	0	2^3	$B_2 + D_2 + E_{2^2} + G_2 + I_2 + J_2 + K_2$
B	1	$+$	2	1	2	0	2^3	$A_2 + D_2 + E_2 + G_2 + I_2 + J_2 + K_2$
C	1	$-$	1	2	2	1	2^3	$E_{2^2} + G_2 + I_2 + J_2 + K_2$
D	1	$-$	2	1	2	2	2^3	$A_2 + B_2 + E_2 + G_2 + I_2 + J_2 + K_2$
E	2	$-$	2	2	2^2	2^2	2^6	$A_{2^2}+B_2+C_{2^2}+D_2+G_{2^2}+I_{2^2}+J_{2^2}+K_{2^2}$

F = 128A, **G** = 128B, **H** = 128C, **I** = 128D, **J** = 64A, **K** = 32A

257 $N = 257$ 257

	d	w	c_∞	C	T	B	m	Ker(δ)
A	7	$+$	2^2	1	1	0	2^7	$B_{2^{14}}$
B	14	$-$	2^2	2^6	2^8	2^9	2^7	$A_{2^{14}}$

258 $N = 258 = 2 \cdot 3 \cdot 43$ 258

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+++$	1	1	1	0	$2^3 \cdot 3$	$C_{2^2} + E_{2^2} + F_{2^2} + H_{3^2} + J_{2^2} + K_{2^2}$
B	1	$++-$	2	1	2	2	$2^2 \cdot 7^2$	$D_{2^2} + G_{2^2} + I_{2^2} + J_{7^2} + L_{7^2} + O_{7^2}$
C	1	$+--$	1	1	1	0	$2^3 \cdot 5$	$A_{2^2} + E_{2^2} + F_{2^2} + J_{2^2} + K_{2^2} + L_{5^2}$
D	1	$-++$	2	2	2^2	$2 \cdot 3$	$2^2 \cdot 3 \cdot 5$	$B_{2^2} + E_{5^2} + G_{2^2} + H_{3^2} + I_{2^2}$
E	1	$-++$	1	1	1	2	$2^3 \cdot 5 \cdot 19$	$A_{2^2} + C_{2^2} + D_{5^2} + F_{2^2} + J_{2^2} + K_{2^2} + M_{19^2}$
F	1	$---$	1	1	7	$2 \cdot 7$	$2^3 \cdot 3 \cdot 7$	$A_{2^2} + C_{2^2} + E_{2^2} + G_{3^2} + J_{2^2} + K_{2^2} + O_{7^2}$
G	1	$---$	2	1	2	2	$2^2 \cdot 3$	$B_{2^2} + D_{2^2} + F_{3^2} + I_{2^2}$

H = 129A, **I** = 129B, **J** = 129C, **K** = 129D, **L** = 86A, **M** = 86B, **N** = 43A, **O** = 43B

259 $N = 259 = 7 \cdot 37$ 259

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	2	2	3	$2^2 \cdot 3^2$	$C_{2,4} + F_2 + G_{3^2} + H_{3^2}$
B	2	$+-$	1	1	1	1	$2^2 \cdot 7 \cdot 17$	$C_{2^2} + F_{17^2} + G_{2^2} + I_{7^2}$
C	2	$-+$	1	2	2	1	2^6	$A_{2,4} + B_{2^2} + F_2 + G_{8^2}$
D	3	$++$	1	1	1	0	$2^6 \cdot 7$	$E_{2^6} + F_{2^6} + G_{2^6} + H_{7^2}$
E	3	$--$	1	1	3	0	$2^6 \cdot 3$	$D_{2^6} + F_{2^6} + G_{2^6} + I_{3^2}$
F	4	$+-$	2	2^2	2^3	2^4	$2^7 \cdot 17$	$A_2 + B_{17^2} + C_2 + D_{2^6} + E_{2^6} + G_{2^6}$
G	4	$-+$	1	19	19	$2^3 \cdot 3$	$2^{10} \cdot 3^2$	$A_{3^2} + B_{2^2} + C_{8^2} + D_{2^6} + E_{2^6} + F_{2^6} + H_{3^2}$

H = 37A, **I** = 37B

260 $N = 260 = 2^2 \cdot 5 \cdot 13$ 260

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	2	1	2	2	$2^4 \cdot 3$	$B_2 + D_{3^2} + F_2 + G_2 + H_2 + I_2 + L_{2,4}$
B	3	$---$	2	2	$2^2 \cdot 3$	$2^2 \cdot 3^2$	$2^5 \cdot 3^3$	$A_2 + C_{3^2} + E_{3^2} + F_2 + G_{2^3} + H_{2^3} + I_2 + J_{3^2} + L_2$

C = 130A, **D** = 130B, **E** = 130C, **F** = 65A, **G** = 65B, **H** = 65C, **I** = 52A, **J** = 26A, **K** = 26B, **L** = 20A

261 $N = 261 = 3^2 \cdot 29$ 261

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^6	$B_{2^4} + D_{2^4} + E_{2^4} + F_{2^4} + G_{2^4}$
B	2	$+-$	1	1	1	2^2	$2^6 \cdot 3^2$	$A_{2^4} + D_{2^4} + E_{2^4} + F_{2^4} + G_{2^4} + H_{3^4}$
C	2	$-+$	1	1	1	1	$2^2 \cdot 23$	$E_{23^2} + H_{2^4}$
D	2	$--$	1	1	1	0	2^8	$A_{2^4} + B_{2^4} + E_{2^4} + F_{2^4} + G_{4^4}$
E	3	$-+$	1	2	2^2	2^3	$2^9 \cdot 23$	$A_{2^4} + B_{2^4} + C_{23^2} + D_{2^4} + F_{4^4} + G_{2^6}$

F = 87A, **G** = 87B, **H** = 29A

262 $N = 262 = 2 \cdot 131$ 262

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^2 \cdot 3$	$B_{2^2} + C_{3^2} + D_{2^2} + E_{2^2}$
B	1	$--$	1	1	1	0	$2^2 \cdot 11$	$A_{2^2} + D_{2^2} + E_{2^2} + H_{11^2}$
C	2	$++$	1	1	1	0	$2^4 \cdot 3^2$	$A_{3^2} + F_{2^4} + G_{3^2} + H_{2^4}$
D	2	$+-$	1	1	1	2	$2^3 \cdot 313$	$A_{2^2} + B_{2^2} + E_{2^4} + H_{313^2}$
E	2	$-+$	1	11	11	$2 \cdot 3$	$2^3 \cdot 3 \cdot 11$	$A_{2^2} + B_{2^2} + D_{2^4} + F_{11^2} + G_{3^2}$
F	2	$-+$	1	1	1	2^2	$2^4 \cdot 11$	$C_{2^4} + E_{11^2} + H_{2^4}$

G = 131A, **H** = 131B

263 $N = 263$ 263

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	5	$+$	1	1	1	0	2^5	$B_{2^{10}}$
B	17	$-$	1	131	131	2^5	2^5	$A_{2^{10}}$

264 $N = 264 = 2^3 \cdot 3 \cdot 11$ 264

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	2	1	2^2	2^2	2^4	$B_2 + C_{2^2} + D_{2^2} + E_2 + F_2 + H_2 + I_{2^2} + J_{2^2} + K_{2^2} + M_{2,4} + N_2$
B	1	$+-+$	1	2	2^2	2	$2^3 \cdot 3$	$A_2 + C_{3,6} + D_2 + E_{2^2} + F_{2^2} + H_{2^2} + I_2 + J_2 + K_2 + M_2 + N_2$
C	1	$+-+$	2	1	2	$2 \cdot 7$	$2^4 \cdot 3 \cdot 7$	$A_{2^2} + B_{3,6} + D_{2^2} + E_2 + F_2 + G_{7^2} + H_2 + I_{4^2} + J_{2^2} + K_{2^2} + M_{2^2} + N_2$
D	1	$---$	2	1	2	2	2^4	$A_{2^2} + B_2 + C_{2^2} + E_2 + F_2 + H_2 + I_{2^2} + J_{2^2} + K_{4^2} + M_{2^2} + N_2$

E = 132A, **F** = 132B, **G** = 88A, **H** = 88B, **I** = 66A, **J** = 66B, **K** = 66C, **L** = 44A, **M** = 33A, **N** = 24A, **O** = 11A

265 $N = 265 = 5 \cdot 53$ **265**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	$2 \cdot 3 \cdot 5$	$B_{5^2} + D_2 + H_2 + I_{3^2}$
B	2	$++$	1	1	1	0	$2^4 \cdot 5 \cdot 7$	$A_{5^2} + C_{7^2} + E_{2^4} + F_{2^4} + G_{2^4}$
C	2	$++$	1	1	1	0	$2^5 \cdot 7$	$B_{7^2} + H_{2^4} + I_{2^2} + J_{2^4}$
D	2	$+-$	2	1	2	2	$2^2 \cdot 11$	$A_2 + E_{11^2} + H_{2^3}$
E	2	$+-$	1	1	1	2^2	$2^4 \cdot 11 \cdot 31$	$B_{2^4} + D_{11^2} + F_{2^4} + G_{2^4} + J_{31^2}$
F	2	$-+$	1	3^2	3^2	$2^2 \cdot 3$	$2^4 \cdot 3 \cdot 17$	$B_{2^4} + E_{2^4} + G_{2^4} + H_{17^2} + I_{3^2}$
G	2	$--$	1	1	1	0	$2^4 \cdot 5$	$B_{2^4} + E_{2^4} + F_{2^4} + J_{5^2}$
H	4	$-+$	2	1	2	2^4	$2^7 \cdot 17$	$A_2 + C_{2^4} + D_{2^3} + F_{17^2} + I_{2^2} + J_{2^4}$

I = 53A, **J** = 53B

266 $N = 266 = 2 \cdot 7 \cdot 19$ **266**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++-$	1	1	1	1	$2^4 \cdot 7 \cdot 13$	$B_{2^4} + C_{2^4} + D_{2^4} + H_{13^2} + I_{7^2}$
B	2	$+-+$	1	1	1	1	$2^4 \cdot 11^2$	$A_{2^4} + C_{2^4} + D_{2^4} + F_{11^2} + L_{11^2}$
C	2	$---$	1	1	3^2	3^3	$2^4 \cdot 3^3$	$A_{2^4} + B_{2^4} + D_{2^4} + G_{9^2} + K_{3^2}$
D	3	$-++$	1	2^2	2^3	$2 \cdot 19$	$2^6 \cdot 11 \cdot 19$	$A_{2^4} + B_{2^4} + C_{2^4} + E_{19^2} + H_{2^2} + J_{11^2} + L_{2^2}$

E = 133A, **F** = 133B, **G** = 133C, **H** = 133D, **I** = 38A, **J** = 38B, **K** = 19A, **L** = 14A

267 $N = 267 = 3 \cdot 89$ **267**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+-$	1	1	1	1	$2 \cdot 7 \cdot 17$	$B_{2^2} + F_{7^2} + I_{17^2}$
B	1	$-+$	1	3	3	1	$2 \cdot 5$	$A_{2^2} + D_{5^2}$
C	3	$++$	1	1	1	0	$2^6 \cdot 3$	$D_{2^6} + E_{2^6} + F_{2^6} + G_{3^2}$
D	3	$-+$	1	5	5	$2^3 \cdot 5$	$2^6 \cdot 5^2$	$B_{5^2} + C_{2^6} + E_{2^6} + F_{2^6} + G_{5^2}$
E	3	$--$	1	1	1	0	$2^6 \cdot 113$	$C_{2^6} + D_{2^6} + F_{2^6} + I_{113^2}$
F	4	$+-$	2	2^2	2^3	2^4	$2^7 \cdot 3 \cdot 7 \cdot 13$	$A_{7^2} + C_{2^6} + D_{2^6} + E_{2^6} + H_{6^2} + I_{13^2}$

G = 89A, **H** = 89B, **I** = 89C

268 $N = 268 = 2^2 \cdot 67$ **268**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-+$	1	1	1	1	$2 \cdot 3^2$	$B_{3^2} + E_{3^2} + F_{2^2}$
B	2	$-+$	1	1	1	2^2	$2^4 \cdot 3^3$	$A_{3^2} + C_{2^4} + E_{3^4} + G_{2^4} + H_{2^4}$
C	2	$--$	1	1	1	0	$2^4 \cdot 3^2$	$B_{2^4} + D_{3^4} + G_{2^4} + H_{2^4}$

D = 134A, **E** = 134B, **F** = 67A, **G** = 67B, **H** = 67C

269 $N = 269$ **269**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	1	0	$2 \cdot 3$	$B_{3^2} + C_{2^2}$
B	5	$+$	1	1	1	0	$2^5 \cdot 3$	$A_{3^2} + C_{2^{10}}$
C	16	$-$	2	67	67	2^6	2^6	$A_{2^2} + B_{2^{10}}$

270 $N = 270 = 2 \cdot 3^3 \cdot 5$ **270**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	3	3	1	$2^2 \cdot 3 \cdot 5$	$B_{2^2} + C_{2^2} + D_{2^2} + F_{5^2} + G_3 + I_3$
B	1	$+-+$	1	3	3	1	$2^2 \cdot 3^2$	$A_{2^2} + C_{2^2} + D_{2^2} + H_3 + L_3 + O_3 + P_3$
C	1	$-++$	1	3	3	5	$2^2 \cdot 3 \cdot 5$	$A_{2^2} + B_{2^2} + D_{2^2} + E_{5^2} + J_3 + M_3$
D	1	$---$	1	1	3	3	$2^2 \cdot 3$	$A_{2^2} + B_{2^2} + C_{2^2} + K_3 + P_3$

E = 135A, **F** = 135B, **G** = 135C, **H** = 135D, **I** = 90A, **J** = 90B, **K** = 90C, **L** = 54A, **M** = 54B, **N** = 45A, **O** = 30A, **P** = 27A, **Q** = 15A

271 $N = 271$ **271**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	6	$+$	1	1	1	0	2^6	$B_{2^{12}}$
B	16	$-$	1	$3^2 \cdot 5$	$3^2 \cdot 5$	2^6	2^6	$A_{2^{12}}$

272 $N = 272 = 2^4 \cdot 17$ 272

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	2^4	$B_2+C_{2^2}+D_{2^2}+E_{2^2}+G_{2^2}+H_{2^2}+I_{2^2}+J_{2^2}+K_{2^2}+L_{2^2}$
B	1	$+-$	2	1	2	2	2^4	$A_2+C_2+D_2+E_{2^2}+G_2+H_2+I_{2^2}+J_{2^2}+K_2+L_{2^2}$
C	1	$-+$	2	1	2	2^2	$2^4\cdot 3$	$A_{2^2}+B_2+D_{2^2}+E_{2^2}+F_{3^2}+G_{2^2}+H_{2^2}+I_{2^2}+J_{2^2}+K_{2^2}+L_{2^2}$
D	1	$--$	2	1	2^2	0	2^4	$A_{2^2}+B_2+C_{2^2}+E_{2^2}+G_{2^2}+H_{2^2}+I_{2^2}+J_{2^2}+K_{2^2}+L_{2^2}$
E	2	$+-$	2	2	2^2	2^2	2^7	$A_{2^2}+B_{2^2}+C_{2^2}+D_{2^2}+F_2+G_{2^2}+H_{2^2}+I_{2^3}+J_{2^4}+K_{2^2}+L_{2^3}$
F	2	$-+$	1	2	2	1	$2^5\cdot 3$	$C_{3^2}+E_2+I_2+J_{2^3,4}+L_{2^2}$

G = 136A, **H** = 136B, **I** = 136C, **J** = 68A, **K** = 34A, **L** = 17A

273 $N = 273 = 3 \cdot 7 \cdot 13$ 273

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+--$	1	1	1	0	$2^4\cdot 3$	$B_{2^2}+D_{2^2}+E_{2^2}+F_{2^2}+G_{2^2}+H_{2^2}+I_{2^2}+J_{3^2}$
B	1	$-++$	1	1	1	2^3	$2^5\cdot 3\cdot 7$	$A_{2^2}+D_{2^2}+E_{2^2}+F_{4^2}+G_{2^2}+H_{2^2}+I_{2^2}+K_{7^2}+L_{3^2}$
C	2	$+-+$	1	1	2^2	2^2	$2^5\cdot 7$	$D_{2^3}+E_{2^3}+H_{7^2}+I_2+J_{2^2}+K_{2^3}+L_2$
D	3	$+++$	1	1	2^2	0	2^{10}	$A_{2^2}+B_{2^2}+C_{2^3}+E_{2^5}+F_{4^2}+G_{2^2}+H_{2^2}+I_{2^3}+J_{2^2}+K_{2^3}+L_2$
E	4	$---$	2	2	$2^4\cdot 3$	$2^6\cdot 3$	$2^{10}\cdot 3$	$A_{2^2}+B_{2^2}+C_{2^3}+D_{2^5}+F_{2^2}+G_{6^2}+H_{2^2}+I_{2^4}+J_{2^2}+K_{2^3}+L_2$

F = 91A, **G** = 91B, **H** = 91C, **I** = 91D, **J** = 39A, **K** = 39B, **L** = 21A

274 $N = 274 = 2 \cdot 137$ 274

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	$2^2\cdot 3$	$B_{3^2}+E_{2^2}+G_{2^2}$
B	1	$++$	1	1	1	0	$2^2\cdot 3\cdot 11$	$A_{3^2}+C_{2^2}+D_{2^2}+E_{2^2}+F_{11^2}$
C	1	$--$	1	1	1	0	$2^2\cdot 7$	$B_{2^2}+D_{2^2}+E_{2^2}+G_{7^2}$
D	3	$+-$	1	1	1	2	$2^4\cdot 109$	$B_{2^2}+C_{2^2}+E_{2^6}+G_{109^2}$
E	5	$-+$	2	23	$2\cdot 23$	$2^3\cdot 149$	$2^7\cdot 149$	$A_{2^2}+B_{2^2}+C_{2^2}+D_{2^6}+F_{149^2}+G_{2^4}$

F = 137A, **G** = 137B

275 $N = 275 = 5^2 \cdot 11$ 275

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	2^2	0	$2^3\cdot 3$	$C_{3^2}+E_{2^2}+H_{2^2}+I_{2^2}+J_{2^2}$
B	1	$+-$	1	1	1	1	$2^2\cdot 7$	$E_{7^2}+H_{2^2}+K_{2^2}$
C	2	$++$	1	1	1	0	$2^4\cdot 3$	$A_{3^2}+D_{2^4}+F_{2^4}+G_{2^4}$
D	2	$+-$	1	5	5	2^2	$2^4\cdot 3^2\cdot 5$	$C_{2^4}+E_{3^4}+F_{2^4}+G_{2^4}+K_{5^2}$
E	2	$+-$	1	1	2^2	2^2	$2^6\cdot 3^2\cdot 7$	$A_{2^2}+B_{7^2}+D_{3^4}+H_{2^4}+I_{2^2}+J_{4^4}$
F	2	$-+$	1	3	3	2^2	$2^4\cdot 3\cdot 5^2$	$C_{2^4}+D_{2^4}+G_{2^4}+H_{5^4}+I_{3^2}$
G	2	$--$	1	1	1	0	$2^4\cdot 3^2$	$C_{2^4}+D_{2^4}+F_{2^4}+J_{3^4}$
H	4	$-+$	1	1	2^2	2^2	$2^6\cdot 5^2$	$A_{2^2}+B_{2^2}+E_{2^4}+F_{5^4}+I_{2^2}+J_{2^4}+K_{2^2}$

I = 55A, **J** = 55B, **K** = 11A

276 $N = 276 = 2^2 \cdot 3 \cdot 23$ 276

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$-++$	1	2	2	3	$2^3\cdot 3^2\cdot 5$	$B_{2^3}+C_{3^2}+E_{3^2}+G_{5^2}+I_{2^2}+J_{2^3}$
B	2	$---$	1	2	2	7	$2^3\cdot 3^2\cdot 7$	$A_{2^3}+F_{3^4}+H_{7^2}+I_{2^2}+J_{2^3}$

C = 138A, **D** = 138B, **E** = 138C, **F** = 138D, **G** = 92A, **H** = 92B, **I** = 69A, **J** = 69B, **K** = 46A, **L** = 23A

277 $N = 277$ 277

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	$2\cdot 5$	$B_{2^2}+C_{5^2}$
B	3	$-$	1	1	1	2	$2\cdot 137$	$A_{2^2}+D_{137^2}$
C	9	$+$	1	1	1	0	$2^9\cdot 5$	$A_{5^2}+D_{2^{18}}$
D	9	$-$	1	23	23	2^9	$2^9\cdot 137$	$B_{137^2}+C_{2^{18}}$

278

$N = 278 = 2 \cdot 139$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+-$	1	3	3	2	$2^4 \cdot 17$	$B_{2^2} + C_{2^2} + D_{17^2} + E_{2^2} + F_{4^2} + H_{2^2}$
B	1	$--$	1	1	1	0	2^5	$A_{2^2} + C_{2^2} + E_{2^2} + F_{2^2} + H_{8^2}$
C	2	$++$	1	1	1	0	$2^4 \cdot 7$	$A_{2^2} + B_{2^2} + E_{2^4} + F_{2^2} + G_{7^2} + H_{2^2}$
D	3	$+-$	1	1	1	1	$2^3 \cdot 17 \cdot 271$	$A_{17^2} + E_{2^6} + H_{271^2}$
E	5	$-+$	1	$5 \cdot 7$	$5 \cdot 7$	$2^2 \cdot 41$	$2^7 \cdot 41$	$A_{2^2} + B_{2^2} + C_{2^4} + D_{2^6} + F_{2^2} + G_{41^2} + H_{2^2}$

F = 139A, **G** = 139B, **H** = 139C

279

$N = 279 = 3^2 \cdot 31$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	$-+$	1	1	1	2^2	2^{10}	$B_{2^4} + C_{4^4} + D_{2^4} + E_{2^4} + F_{2^4} + G_{2^4}$
B	2	$--$	1	1	1	0	2^6	$A_{2^4} + C_{2^4} + D_{2^4} + E_{2^4} + F_{2^4} + G_{2^4}$
C	3	$-+$	1	2	2^2	2^3	2^{12}	$A_{4^4} + B_{2^4} + D_{2^6} + E_{2^4} + F_{2^6} + G_{2^4}$
D	6	$+-$	1	$2 \cdot 3$	$2^2 \cdot 3$	2^3	$2^{10} \cdot 3^2$	$A_{2^4} + B_{2^4} + C_{2^6} + E_{2^4} + F_{2^6} + G_{6^4}$

E = 93A, **F** = 93B, **G** = 31A

280

$N = 280 = 2^3 \cdot 5 \cdot 7$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$+++$	1	1	1	0	2^4	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + K_{2^2} + L_{2^2}$
B	1	$+--$	1	1	1	0	$2^4 \cdot 3 \cdot 5$	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + H_{5^2} + J_{3^2} + K_{2^2} + L_{2^2}$
C	2	$-++$	1	2	2^2	2^2	2^9	$A_{2^2} + B_{2^2} + D_{2^3} + E_{2^2} + F_{2^2} + G_{2,4} + H_{2^2} + I_{4,8} + J_2 + K_{2^2} + L_{2^4} + M_2 + N_{2^2}$
D	2	$---$	2	2	2^3	2^3	2^7	$A_{2^2} + B_{2^2} + C_{2^3} + E_{2^2} + F_{2^2} + G_2 + H_2 + I_2 + J_{2^2} + K_{2^2} + L_{2^3} + M_{2^2} + N_2$

E = 140A, **F** = 140B, **G** = 70A, **H** = 56A, **I** = 56B, **J** = 40A, **K** = 35A, **L** = 35B, **M** = 20A, **N** = 14A

281

$N = 281$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	7	$+$	1	1	1	0	2^7	$B_{2^{14}}$
B	16	$-$	1	$2 \cdot 5 \cdot 7$	$2 \cdot 5 \cdot 7$	2^7	2^7	$A_{2^{14}}$

282

$N = 282 = 2 \cdot 3 \cdot 47$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	$-++$	1	2	2^2	$2 \cdot 3$	$2^4 \cdot 3$	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{3^2} + G_{2^2} + H_{2^2} + K_{2^2} + L_{2^2} + M_{2^2}$
B	1	$-+-$	1	1	2	0	2^6	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + G_{4^2} + H_{2^2} + K_{8^2} + L_{2^2} + M_{2^2}$
C	2	$+++$	1	1	2	0	$2^6 \cdot 3$	$A_{2^2} + B_{2^2} + D_{2^4} + E_{2^4} + F_{3^2} + G_{2^2} + H_{2^2} + K_{2^2} + L_{2^2} + M_{2^4}$
D	2	$+-+$	1	3	$2 \cdot 3$	2^2	$2^6 \cdot 5$	$A_{2^2} + B_{2^2} + C_{2^4} + E_{2^4} + G_{2^2} + H_{2^2} + I_{5^2} + K_{2^2} + L_{2^2} + M_{2^4}$
E	3	$---$	1	2	$2^2 \cdot 23$	$2^3 \cdot 5 \cdot 23$	$2^7 \cdot 5 \cdot 23$	$A_{2^2} + B_{2^2} + C_{2^4} + D_{2^4} + G_{2^2} + H_{2^2} + J_{5^2} + K_{2^2} + L_{2^2} + M_{2^4} + N_{23^2}$

F = 141A, **G** = 141B, **H** = 141C, **I** = 141D, **J** = 141E, **K** = 141F, **L** = 94A, **M** = 94B, **N** = 47A

283

$N = 283$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	9	$+$	1	1	1	0	2^9	$B_{2^{18}}$
B	14	$-$	1	47	47	2^9	2^9	$A_{2^{18}}$

284

$N = 284 = 2^2 \cdot 71$

	d	w	c_∞	C	T	B	m	Ker(δ)
A	3	$-+$	1	3	3	3	$2^3 \cdot 3^2$	$C_{3^2} + F_{3^2}$
B	3	$--$	1	1	1	0	$2^3 \cdot 3^3$	$D_{3^2} + E_{3^2} + G_{3^2} + H_{3^2} + I_{3^2}$

C = 142A, **D** = 142B, **E** = 142C, **F** = 142D, **G** = 142E, **H** = 71A, **I** = 71B

285 — $N = 285 = 3 \cdot 5 \cdot 19$ — 285

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	2	0	$2^3 \cdot 3$	$B_2 + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_2 + I_2 + J_{3^2} + K_2 + N_{2^2}$
B	1	$+-+$	1	2	2^2	$2 \cdot 3$	$2^3 \cdot 3^2$	$A_2 + C_2 + D_2 + E_{3,6} + F_2 + G_2 + H_{2^2} + I_{2^2} + J_{3^2} + K_2 + N_2$
C	1	$-+-$	1	1	2	0	$2^3 \cdot 5$	$A_{2^2} + B_2 + D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_2 + I_{5,10} + K_2 + N_{2^2}$
D	2	$++-$	1	1	2	2	$2^5 \cdot 47$	$A_{2^2} + B_2 + C_{2^2} + E_{2^4} + F_{2^4} + G_{2^4} + H_2 + I_{47,94} + K_2 + N_{2^2}$
E	2	$+-+$	1	1	2	$2 \cdot 3$	$2^5 \cdot 3^3 \cdot 19$	$A_{2^2} + B_{3,6} + C_{2^2} + D_{2^4} + F_{2^4} + G_{2^4} + H_{19,38} + I_2 + J_{3^2} + K_2 + N_{6^2}$
F	2	$-++$	1	1	2	2	$2^5 \cdot 7$	$A_{2^2} + B_2 + C_{2^2} + D_{2^4} + E_{2^4} + G_{2^4} + H_2 + I_2 + K_2 + L_{7^2} + N_{2^2}$
G	2	$---$	1	1	$2 \cdot 3$	$2 \cdot 3$	$2^5 \cdot 3$	$A_{2^2} + B_2 + C_{2^2} + D_{2^4} + E_{2^4} + F_{2^4} + H_2 + I_2 + K_2 + M_{3^2} + N_{2^2}$

H = 95A, **I** = 95B, **J** = 57A, **K** = 57B, **L** = 57C, **M** = 19A, **N** = 15A

286 — $N = 286 = 2 \cdot 11 \cdot 13$ — 286

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	1	1	1	0	$2^3 \cdot 3$	$D_{2^2} + E_{2^2} + G_{2^2} + H_{3^2} + K_{2^2} + L_{2^2}$
B	1	$++-$	1	3	3	1	$2^2 \cdot 3 \cdot 5$	$C_{2^2} + F_{2^2} + G_{2^2} + J_{5,15} + K_3$
C	1	$-++$	1	1	1	3	$2^2 \cdot 3 \cdot 5$	$B_{2^2} + F_{2^2} + G_{2^2} + H_{3^2} + L_{5^2}$
D	1	$-+-$	1	1	1	0	$2^3 \cdot 13$	$A_{2^2} + E_{2^2} + G_{2^2} + J_{13^2} + K_{2^2} + L_{2^2}$
E	1	$---$	1	1	5	$2 \cdot 5$	$2^3 \cdot 3 \cdot 5$	$A_{2^2} + D_{2^2} + F_{3^2} + G_{2^2} + K_{2^2} + L_{2^2} + M_{5^2}$
F	1	$---$	1	1	1	1	$2^2 \cdot 3$	$B_{2^2} + C_{2^2} + E_{3^2} + G_{2^2}$
G	3	$+-+$	1	2	2^2	2^2	$2^6 \cdot 139$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + I_{139^2} + J_{2^2} + K_{2^2} + L_{2^2}$

H = 143A, **I** = 143B, **J** = 143C, **K** = 26A, **L** = 26B, **M** = 11A

287 — $N = 287 = 7 \cdot 41$ — 287

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^4	$B_{2^4} + E_{2^4} + F_{2^4}$
B	2	$--$	1	1	1	0	$2^4 \cdot 19$	$A_{2^4} + E_{2^4} + F_{2^4} + G_{19^2}$
C	3	$+-$	1	1	1	1	$2^3 \cdot 13 \cdot 97$	$E_{2^6} + F_{97^2} + G_{13^2}$
D	3	$-+$	1	1	1	1	$2^3 \cdot 61$	$E_{61^2} + F_{2^6}$
E	5	$-+$	1	$3 \cdot 7$	$3 \cdot 7$	2^2	$2^7 \cdot 61$	$A_{2^4} + B_{2^4} + C_{2^6} + D_{61^2} + F_{2^4}$
F	6	$+-$	2	2^3	2^4	2^3	$2^8 \cdot 37 \cdot 97$	$A_{2^4} + B_{2^4} + C_{97^2} + D_{2^6} + E_{2^4} + G_{74^2}$

G = 41A

288 — $N = 288 = 2^5 \cdot 3^2$ — 288

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	2	0	2^4	$B_2 + C_2 + D_{2^2} + E_2 + H_2 + I_2 + J_{2^2} + L_{2^2} + M_2 + N_{2^2}$
B	1	$+-$	2	1	2^2	2^2	2^4	$A_2 + C_{2^2} + D_2 + E_{2^2} + F_2 + G_2 + H_{2^2} + I_{2^2} + J_{2^2} + K_2 + L_{2^2} + M_{2^2} + N_{2^2}$
C	1	$+-$	2	1	2^2	2^2	2^5	$A_2 + B_{2^2} + D_2 + E_{2^2} + F_2 + G_2 + H_{2,4} + I_{2^2} + J_{2^2} + K_2 + L_{2^2} + M_{2^2} + N_{2^2}$
D	1	$-+$	1	1	2	2	$2^4 \cdot 3$	$A_{2^2} + B_2 + C_2 + E_2 + H_2 + I_2 + J_{2^2} + L_{2^2} + M_{3,6} + N_{2^2}$
E	1	$--$	2	1	2^2	0	2^5	$A_2 + B_{2^2} + C_{2^2} + D_2 + F_2 + G_2 + H_{2^2} + I_{2,4} + J_{2^2} + K_2 + L_{2^2} + M_{2^2} + N_{2^2}$

F = 144A, **G** = 144B, **H** = 96A, **I** = 96B, **J** = 72A, **K** = 48A, **L** = 36A, **M** = 32A, **N** = 24A

289 — $N = 289 = 17^2$ — 289

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	2	1	2^2	0	$2^3 \cdot 3^2$	$B_{3^2} + D_{3^2} + F_{2^2} + G_{4^2}$
B	2	$+$	1	1	1	0	$2^2 \cdot 3^2$	$A_{3^2} + C_{2^4} + D_{3^2}$
C	2	$-$	1	3	3	2^2	$2^2 \cdot 3^2 \cdot 17$	$B_{2^4} + E_{3^2} + F_{17^2} + G_{3^2}$
D	3	$+$	1	1	1	0	$2^3 \cdot 3^2$	$A_{3^2} + B_{3^2} + E_{2^6}$
E	3	$-$	1	1	1	2^3	$2^3 \cdot 3^2 \cdot 17$	$C_{3^2} + D_{2^6} + F_{17^2} + G_{3^2}$
F	4	$-$	2	1	2	2^2	$2^2 \cdot 17^2$	$A_{2^2} + C_{17^2} + E_{17^2} + G_{2^2}$

G = 17A

290 $N = 290 = 2 \cdot 5 \cdot 29$ 290

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+++$	2	1	2	0	$2^4 \cdot 3$	$D_{2^2} + E_{2^2} + F_{2^2} + G_{2^2} + H_{2^2} + I_{2^2} + J_{3^2}$
B	2	$++-$	1	3	3	1	$2^4 \cdot 23$	$C_{2^4} + D_{2^4} + E_{2^4} + H_{23^2}$
C	2	$+-+$	1	3	3	3^2	$2^4 \cdot 3^2 \cdot 13$	$B_{2^4} + D_{2^4} + E_{2^4} + I_{13^2} + J_{9^2}$
D	3	$-++$	2	3	$2 \cdot 3$	2^4	$2^9 \cdot 7$	$A_{2^2} + B_{2^4} + C_{2^4} + E_{2^6} + F_{4^2} + G_{2^2} + H_{2^2} + I_{2^2} + K_{7^2}$
E	3	$---$	2	1	$2^2 \cdot 7$	$2^2 \cdot 7^2$	$2^7 \cdot 7^2$	$A_{2^2} + B_{2^4} + C_{2^4} + D_{2^6} + F_{2^2} + G_{14^2} + H_{2^2} + I_{2^2} + L_{7^2}$

F = 145A, **G** = 145B, **H** = 145C, **I** = 145D, **J** = 58A, **K** = 58B, **L** = 29A

291 $N = 291 = 3 \cdot 97$ 291

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	2	0	$2^2 \cdot 3$	$B_2 + E_{3^2} + H_{2^2} + J_{2^2}$
B	1	$+-$	2	2	2^2	2	$2^3 \cdot 3 \cdot 5$	$A_2 + C_{3^2} + F_{5^2} + H_{2^2} + J_{4^2}$
C	1	$+-$	1	1	1	1	$2^2 \cdot 3$	$B_{3^2} + D_{2^2} + H_{2^2}$
D	1	$+-$	1	1	1	1	$2^2 \cdot 11 \cdot 23$	$C_{2^2} + F_{11^2} + H_{2^2} + J_{23^2}$
E	2	$++$	1	1	1	0	$2^4 \cdot 3 \cdot 13$	$A_{3^2} + F_{2^4} + G_{2^4} + H_{2^4} + I_{13^2}$
F	2	$+-$	1	1	1	2^2	$2^4 \cdot 5 \cdot 11$	$B_{5^2} + D_{11^2} + E_{2^4} + G_{2^4} + H_{2^4}$
G	2	$--$	1	1	1	0	$2^4 \cdot 11$	$E_{2^4} + F_{2^4} + H_{2^4} + J_{11^2}$
H	7	$-+$	2	$2 \cdot 7^2$	$2^3 \cdot 7^2$	$2^5 \cdot 139$	$2^9 \cdot 139$	$A_{2^2} + B_{2^2} + C_{2^2} + D_{2^2} + E_{2^4} + F_{2^4} + G_{2^4} + I_{139^2} + J_{2^3}$

I = 97A, **J** = 97B

292 $N = 292 = 2^2 \cdot 73$ 292

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$--$	1	1	1	0	$2^4 \cdot 3^2$	$B_{2^4} + C_{3^4} + F_{2^4} + G_{2^4}$
B	4	$-+$	1	2	2	2^2	$2^5 \cdot 3^4$	$A_{2^4} + D_{3^8} + E_{2^2} + F_{2^4} + G_{2^4}$

C = 146A, **D** = 146B, **E** = 73A, **F** = 73B, **G** = 73C

293 $N = 293$ 293

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	8	$+$	1	1	1	0	2^8	$B_{2^{16}}$
B	16	$-$	1	73	73	2^8	2^8	$A_{2^{16}}$

294 $N = 294 = 2 \cdot 3 \cdot 7^2$ 294

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++-$	1	1	1	1	$2^2 \cdot 3 \cdot 5 \cdot 7$	$B_{7^2} + C_{2^2} + E_{2^2} + F_{2^2} + I_{5^2} + M_{3^2}$
B	1	$++-$	1	1	2	2^2	$2^6 \cdot 7$	$A_{7^2} + D_{2^2} + G_{2^2} + H_{2^2} + K_{2^2} + L_{2^2} + M_{2^2} + N_{2^2} + O_{4^2} + P_{2^2} + Q_{2^2} + R_{2^2}$
C	1	$+-+$	1	1	3	3	$2^2 \cdot 3 \cdot 5$	$A_{2^2} + E_{2^2} + F_{2^2} + J_{5^2} + R_{3^2}$
D	1	$+--$	1	1	2	0	2^6	$B_{2^2} + G_{2^2} + H_{2^2} + K_{2^2} + L_{2^2} + M_{2^2} + N_{2^2} + O_{4^2} + P_{2^2} + Q_{2^2} + R_{2^2}$
E	1	$-++$	1	1	1	1	$2^2 \cdot 3 \cdot 7$	$A_{2^2} + C_{2^2} + F_{2^2} + K_7 + N_7 + P_{3^2}$
F	1	$---$	1	1	7	7	$2^2 \cdot 3$	$A_{2^2} + C_{2^2} + E_{2^2} + G_{3^2}$
G	1	$---$	1	1	2^2	2^4	$2^6 \cdot 3$	$B_{2^2} + D_{2^2} + F_{3^2} + H_{2^2} + K_{2^2} + L_{2^2} + M_{2^2} + N_{2^2} + O_{2^2} + P_{2^2} + Q_{4^2} + R_{2^2}$

H = 147A, **I** = 147B, **J** = 147C, **K** = 147D, **L** = 147E, **M** = 98A, **N** = 98B, **O** = 49A, **P** = 42A, **Q** = 21A, **R** = 14A

295 $N = 295 = 5 \cdot 59$ 295

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	3	$++$	1	1	1	0	2^6	$B_{2^6} + C_{2^6} + D_{2^6}$
B	3	$--$	1	1	1	0	$2^6 \cdot 107$	$A_{2^6} + C_{2^6} + D_{2^6} + E_{107^2}$
C	6	$-+$	2	$2 \cdot 5$	$2^2 \cdot 5$	2^4	2^9	$A_{2^6} + B_{2^6} + D_{2^{12}}$
D	7	$+-$	2	2	2^2	2^4	$2^9 \cdot 7 \cdot 947$	$A_{2^6} + B_{2^6} + C_{2^{12}} + E_{6629^2}$

E = 59A

296

$N = 296 = 2^3 \cdot 37$

296

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	2	1	1	0	2^4	$B_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + I_{2^2} + J_{2^2}$
B	1	$--$	2	1	1	0	2^4	$A_{2^2} + C_{2^2} + D_{2^2} + E_{2^2} + F_{2^2} + I_{2^2} + J_{2^2}$
C	3	$-+$	2	1	1	2^2	2^{10}	$A_{2^2} + B_{2^2} + D_{2^6} + E_{2^2} + F_{2^2} + G_{2^4} + H_{4^4} + I_{2^2} + J_{2^2}$
D	4	$+-$	2^2	2	2^3	2^5	2^{11}	$A_{2^2} + B_{2^2} + C_{2^6} + E_{2^2} + F_{2^4} + G_{4^4} + H_{2^4} + I_{2^2} + J_{2^2}$

E = 148A, **F** = 148B, **G** = 74A, **H** = 74B, **I** = 37A, **J** = 37B

297

$N = 297 = 3^3 \cdot 11$

297

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^2 \cdot 3$	$C_{2^2} + G_{2^2} + H_{2^2}$
B	1	$-+$	1	1	1	2	$2^3 \cdot 3$	$D_{2^2} + E_{2^2} + F_{2^2} + N_{2^2}$
C	1	$--$	1	1	1	0	$2^2 \cdot 3^2$	$A_{2^2} + D_{3^2} + G_{2^2} + H_{2^2} + J_{3^2} + O_{3^2}$
D	1	$--$	1	1	1	0	$2^3 \cdot 3^2$	$B_{2^2} + C_{3^2} + E_{2^2} + F_{2^2} + J_{3^2} + N_{2^2} + O_{3^2}$
E	2	$++$	1	1	1	0	$2^4 \cdot 3^2$	$B_{2^2} + D_{2^2} + F_{2^4} + K_{3^2} + L_{3^2} + N_{2^2}$
F	2	$+-$	1	1	1	2^2	$2^4 \cdot 3^4$	$B_{2^2} + D_{2^2} + E_{2^4} + G_{3^4} + J_{3^2} + M_{3^2} + N_{2^2} + O_{3^2}$
G	3	$+-$	1	3	3^2	$2 \cdot 3$	$2^4 \cdot 3^4$	$A_{2^2} + C_{2^2} + F_{3^4} + H_{2^6} + J_{3^2} + M_{3^2} + O_{3^2}$
H	3	$-+$	1	3	3	2	$2^4 \cdot 3^3$	$A_{2^2} + C_{2^2} + G_{2^6} + K_{3^2} + L_{3^2} + N_{3^2}$

I = 99A, **J** = 99B, **K** = 99C, **L** = 99D, **M** = 33A, **N** = 27A, **O** = 11A

298

$N = 298 = 2 \cdot 149$

298

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$++$	1	1	1	0	$2^2 \cdot 5$	$B_{2^2} + C_{2^2} + D_{5^2} + E_{2^2}$
B	1	$--$	1	1	1	0	$2^2 \cdot 3^2$	$A_{2^2} + C_{2^2} + E_{2^2} + G_{9^2}$
C	2	$+-$	1	1	1	2	$2^3 \cdot 3 \cdot 23$	$A_{2^2} + B_{2^2} + E_{2^4} + G_{69^2}$
D	3	$++$	1	1	1	0	$2^6 \cdot 5 \cdot 13$	$A_{5^2} + E_{2^6} + F_{13^2} + G_{2^6}$
E	5	$-+$	1	5^2	5^2	$2^4 \cdot 29$	$2^9 \cdot 29$	$A_{2^2} + B_{2^2} + C_{2^4} + D_{2^6} + F_{29^2} + G_{2^6}$

F = 149A, **G** = 149B

299

$N = 299 = 13 \cdot 23$

299

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$++$	1	1	1	0	2^4	$D_{2^4} + E_{2^4} + G_{2^4}$
B	2	$-+$	2	2	2^2	2	$2^3 \cdot 5^2$	$C_{2^2} + D_{5^2} + F_{5^2} + G_{2^4}$
C	2	$-+$	1	2	2	1	$2^4 \cdot 17$	$B_{2^2} + D_{17^2} + F_{2^2} + G_{2^4}$
D	2	$-+$	1	1	1	2^2	$2^4 \cdot 5^2 \cdot 17$	$A_{2^4} + B_{5^2} + C_{17^2} + E_{2^4} + F_{5^2} + G_{2^4}$
E	2	$--$	1	1	1	0	$2^4 \cdot 11$	$A_{2^4} + D_{2^4} + G_{2^4} + H_{11^2}$
F	3	$-+$	1	3	3	1	$2^4 \cdot 5^2$	$B_{5^2} + C_{2^2} + D_{5^2} + G_{2^6}$
G	10	$+-$	2	$2 \cdot 7$	$2^2 \cdot 7$	2^3	$2^{11} \cdot 17^2$	$A_{2^4} + B_{2^4} + C_{2^4} + D_{2^4} + E_{2^4} + F_{2^6} + H_{17^4}$

H = 23A

300

$N = 300 = 2^2 \cdot 3 \cdot 5^2$

300

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-++$	1	1	1	1	$2^2 \cdot 3^2$	$C_{2^2} + F_{3^2} + H_{3^2} + I_{2^2} + K_{2^2} + M_{3^2}$
B	1	$-+-$	2	1	2	0	$2^3 \cdot 3$	$D_{2^2} + E_{3^2} + H_{2^2} + J_2 + O_{2^2} + P_2$
C	1	$---$	1	1	3	3^2	$2^2 \cdot 3^2 \cdot 5$	$A_{2^2} + D_{5^2} + I_{2^2} + K_{2^2} + L_{3^2} + N_{3^2} + O_{3^2}$
D	1	$---$	2	1	2	2^2	$2^3 \cdot 3 \cdot 5$	$B_{2^2} + C_{5^2} + G_{3^2} + H_{2^2} + J_2 + O_{2^2} + P_2$

E = 150A, **F** = 150B, **G** = 150C, **H** = 100A, **I** = 75A, **J** = 75B, **K** = 75C, **L** = 50A, **M** = 50B, **N** = 30A, **O** = 20A, **P** = 15A

307

$N = 307$

307

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	1	1	1	13	F_{13^2}
B	1	$-$	1	1	1	1	$2 \cdot 5$	F_{10^2}
C	1	$-$	1	1	1	1	11	F_{11^2}
D	1	$-$	1	1	1	1	$3 \cdot 5$	$E_{3^2} + F_{5^2}$
E	2	$-$	1	3	3	2^2	$2^2 \cdot 3 \cdot 107$	$D_{3^2} + F_{107^2} + G_{2^4}$
F	9	$-$	1	17	17	2^8	$2^9 \cdot 5^2 \cdot 11 \cdot 13 \cdot 107$	$A_{13^2} + B_{10^2} + C_{11^2} + D_{5^2} + E_{107^2} + G_{2^{16}}$
G	10	$+$	1	1	1	0	2^{10}	$E_{2^4} + F_{2^{16}}$

311 $N = 311$ **311**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	4	+	1	1	1	0	2^4	B_{2^8}
B	22	−	1	$5 \cdot 31$	$5 \cdot 31$	2^4	2^4	A_{2^8}

313 $N = 313$ **313**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	−	1	1	1	2^2	$2^2 \cdot 41$	$B_{2^4} + C_{41^2}$
B	11	+	1	1	1	0	2^{11}	$A_{2^4} + C_{2^{18}}$
C	12	−	1	$2 \cdot 13$	$2 \cdot 13$	2^9	$2^9 \cdot 41$	$A_{41^2} + B_{2^{18}}$

317 $N = 317$ **317**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	11	+	1	1	1	0	2^{11}	$B_{2^{22}}$
B	15	−	1	79	79	2^{11}	2^{11}	$A_{2^{22}}$

331 $N = 331$ **331**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	+	1	1	1	0	$2^2 \cdot 3$	$B_{2^2} + C_{3^2} + D_{2^2}$
B	3	+	1	1	1	0	$2^4 \cdot 53$	$A_{2^2} + C_{53^2} + D_{2^6}$
C	7	+	1	1	1	0	$2^7 \cdot 3 \cdot 53$	$A_{3^2} + B_{53^2} + D_{2^{14}}$
D	16	−	1	$5 \cdot 11$	$5 \cdot 11$	2^{11}	2^{11}	$A_{2^2} + B_{2^6} + C_{2^{14}}$

337 $N = 337$ **337**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	12	+	1	1	1	0	2^{12}	$B_{2^{24}}$
B	15	−	1	$2^2 \cdot 7$	$2^2 \cdot 7$	2^{12}	2^{12}	$A_{2^{24}}$

347 $N = 347$ **347**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	+	1	1	1	0	$2 \cdot 7$	$C_{7^2} + D_{2^2}$
B	2	+	1	1	1	0	$2^2 \cdot 19$	$C_{19^2} + D_{2^4}$
C	7	+	1	1	1	0	$2^7 \cdot 7 \cdot 19$	$A_{7^2} + B_{19^2} + D_{2^{14}}$
D	19	−	1	173	173	2^{10}	2^{10}	$A_{2^2} + B_{2^4} + C_{2^{14}}$

349 $N = 349$ **349**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	11	+	2	1	1	0	2^{11}	$B_{2^{22}}$
B	17	−	2	29	29	2^{11}	2^{11}	$A_{2^{22}}$

353 $N = 353$ **353**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	−	1	2	2	1	$2^3 \cdot 3$	$B_{4^2} + D_{6^2}$
B	3	−	1	2	2	2^2	$2^5 \cdot 127$	$A_{4^2} + C_{2^4} + D_{254^2}$
C	11	+	1	1	1	0	2^{11}	$B_{2^4} + D_{2^{18}}$
D	14	−	1	$2 \cdot 11$	$2 \cdot 11$	2^9	$2^{11} \cdot 3 \cdot 127$	$A_{6^2} + B_{254^2} + C_{2^{18}}$

359 $N = 359$ **359**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	+	2	1	1	0	2^4	$B_{2^2} + C_{4^2} + D_{2^2}$
B	1	+	2	1	1	0	2^3	$A_{2^2} + C_{2^2} + D_{2^2}$
C	4	+	2	1	1	0	2^7	$A_{4^2} + B_{2^2} + D_{2^8}$
D	24	−	2	179	179	2^8	2^6	$A_{2^2} + B_{2^2} + C_{2^8}$

367 $N = 367$ **367**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	11	+	1	1	1	0	2^{11}	$B_{2^{22}}$
B	19	−	1	61	61	2^{11}	2^{11}	$A_{2^{22}}$

373 $N = 373$ **373**

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	+	2	1	1	0	$2 \cdot 11$	$B_{11^2} + C_{2^2}$
B	12	+	1	1	1	0	$2^{12} \cdot 11$	$A_{11^2} + C_{2^{24}}$
C	17	−	2	31	31	2^{13}	2^{13}	$A_{2^2} + B_{2^{24}}$

379
$N = 379$
379

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	13	$+$	1	1	1	0	2^{13}	$B_{2^{26}}$
B	18	$-$	1	$3^2 \cdot 7$	$3^2 \cdot 7$	2^{13}	2^{13}	$A_{2^{26}}$

383
$N = 383$
383

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	$2^2 \cdot 11$	$B_{11^2} + C_{2^4}$
B	6	$+$	1	1	1	0	$2^6 \cdot 11$	$A_{11^2} + C_{2^{12}}$
C	24	$-$	1	191	191	2^8	2^8	$A_{2^4} + B_{2^{12}}$

389
$N = 389$
389

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	2	1	1	0	$2^3 \cdot 5$	$B_{2^2} + C_{2^2} + E_{20^2}$
B	2	$+$	2^2	1	1	0	$2^4 \cdot 3^2$	$A_{2^2} + C_{2^4} + D_{3^4} + E_{2^4}$
C	3	$+$	2^3	1	1	0	$2^5 \cdot 31$	$A_{2^2} + B_{2^4} + D_{31^2} + E_{2^6}$
D	6	$+$	1	1	1	0	$2^6 \cdot 3^2 \cdot 31$	$B_{3^4} + C_{31^2} + E_{2^{12}}$
E	20	$-$	2^2	97	97	$2^{13} \cdot 5^2$	$2^{12} \cdot 5$	$A_{20^2} + B_{2^4} + C_{2^6} + D_{2^{12}}$

397
$N = 397$
397

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	$2^2 \cdot 31$	$B_{2^2} + C_{2^2} + E_{31^2}$
B	2	$-$	1	1	1	2	$2^4 \cdot 23$	$A_{2^2} + C_{2^2,4^2} + D_{23^2}$
C	5	$-$	1	11	11	2^4	$2^7 \cdot 761$	$A_{2^2} + B_{2^2,4^2} + D_{761^2} + E_{2^6}$
D	10	$-$	1	3	3	2^{10}	$2^{10} \cdot 23 \cdot 761$	$B_{23^2} + C_{761^2} + E_{2^{20}}$
E	13	$+$	1	1	1	0	$2^{13} \cdot 31$	$A_{31^2} + C_{2^6} + D_{2^{20}}$

401
$N = 401$
401

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	12	$+$	2^4	1	1	0	2^{12}	$B_{2^{24}}$
B	21	$-$	2^4	$2^2 \cdot 5^2$	$2^6 \cdot 5^2$	2^{16}	2^{12}	$A_{2^{24}}$

409
$N = 409$
409

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	13	$+$	1	1	1	0	2^{13}	$B_{2^{26}}$
B	20	$-$	1	$2 \cdot 17$	$2 \cdot 17$	2^{13}	2^{13}	$A_{2^{26}}$

419
$N = 419$
419

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	9	$+$	1	1	1	0	2^9	$B_{2^{18}}$
B	26	$-$	1	$11 \cdot 19$	$11 \cdot 19$	2^9	2^9	$A_{2^{18}}$

421
$N = 421$
421

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	15	$+$	1	1	1	0	2^{15}	$B_{2^{30}}$
B	19	$-$	1	$5 \cdot 7$	$5 \cdot 7$	2^{15}	2^{15}	$A_{2^{30}}$

431
$N = 431$
431

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$+$	1	1	1	0	$2 \cdot 5$	$C_{5^2} + F_{2^2}$
B	1	$-$	1	1	1	1	$2^3 \cdot 5$	$D_{5^2} + F_{8^2}$
C	3	$+$	1	1	1	0	$2^3 \cdot 5 \cdot 19$	$A_{5^2} + E_{19^2} + F_{2^6}$
D	3	$-$	1	1	1	1	$5 \cdot 6947$	$B_{5^2} + F_{6947^2}$
E	4	$+$	1	1	1	0	$2^4 \cdot 19$	$C_{19^2} + F_{2^8}$
F	24	$-$	1	$5 \cdot 43$	$5 \cdot 43$	2^8	$2^{11} \cdot 6947$	$A_{2^2} + B_{8^2} + C_{2^6} + D_{6947^2} + E_{2^8}$

433
$N = 433$
433

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	1	$-$	1	1	1	0	$2^2 \cdot 7$	$B_{2^2} + C_{2^2} + D_{14^2}$
B	3	$-$	1	1	1	2^2	$2^4 \cdot 3 \cdot 37$	$A_{2^2} + C_{2^4} + D_{2^2,222^2}$
C	15	$+$	1	1	1	0	2^{15}	$A_{2^2} + B_{2^4} + D_{2^{26}}$
D	16	$-$	1	$2^2 \cdot 3^2$	$2^2 \cdot 3^2$	$2^{13} \cdot 7^2$	$2^{15} \cdot 3 \cdot 7 \cdot 37$	$A_{14^2} + B_{2^2,222^2} + C_{2^{26}}$

439 $N = 439$ 439

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	+	2^2	1	1	0	$2^2 \cdot 31$	$B_{31^2} + C_{2^4}$
B	9	+	1	1	1	0	$2^9 \cdot 31$	$A_{31^2} + C_{2^{18}}$
C	25	−	2^2	73	73	2^{11}	2^{11}	$A_{2^4} + B_{2^{18}}$

443 $N = 443$ 443

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	+	1	1	1	0	$2^2 \cdot 3$	$D_{6^2} + E_{2^2}$
B	1	+	2	1	1	0	$2 \cdot 7$	$C_{2^2} + D_{7^2}$
C	1	−	2	1	1	2	$2 \cdot 31$	$B_{2^2} + E_{31^2}$
D	12	+	1	1	1	0	$2^{13} \cdot 3 \cdot 7$	$A_{6^2} + B_{7^2} + E_{2^{24}}$
E	22	−	1	$13 \cdot 17$	$13 \cdot 17$	2^{13}	$2^{13} \cdot 31$	$A_{2^2} + C_{31^2} + D_{2^{24}}$

449 $N = 449$ 449

	d	w	c_∞	C	T	B	m	Ker(δ)
A	14	+	1	1	1	0	2^{14}	$B_{2^{28}}$
B	23	−	1	$2^4 \cdot 7$	$2^4 \cdot 7$	2^{14}	2^{14}	$A_{2^{28}}$

457 $N = 457$ 457

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	+	1	1	1	0	$2^2 \cdot 31$	$B_{31^2} + C_{2^4}$
B	15	+	1	1	1	0	$2^{15} \cdot 31$	$A_{31^2} + C_{2^{30}}$
C	20	−	1	$2 \cdot 19$	$2 \cdot 19$	2^{17}	2^{17}	$A_{2^4} + B_{2^{30}}$

461 $N = 461$ 461

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	+	1	1	1	0	$2^2 \cdot 19$	$C_{19^2} + D_{2^4}$
B	3	+	1	1	1	0	$2^3 \cdot 97$	$C_{97^2} + D_{2^6}$
C	7	+	1	1	1	0	$2^7 \cdot 19 \cdot 97$	$A_{19^2} + B_{97^2} + D_{2^{14}}$
D	26	−	1	$5 \cdot 23$	$5 \cdot 23$	2^{12}	2^{12}	$A_{2^4} + B_{2^6} + C_{2^{14}}$

463 $N = 463$ 463

	d	w	c_∞	C	T	B	m	Ker(δ)
A	16	+	1	1	1	0	2^{16}	$B_{2^{32}}$
B	22	−	1	$7 \cdot 11$	$7 \cdot 11$	2^{16}	2^{16}	$A_{2^{32}}$

467 $N = 467$ 467

	d	w	c_∞	C	T	B	m	Ker(δ)
A	1	+	1	1	1	0	$2 \cdot 17$	$B_{17^2} + C_{2^2}$
B	12	+	1	1	1	0	$2^{12} \cdot 17$	$A_{17^2} + C_{2^{24}}$
C	26	−	1	233	233	2^{13}	2^{13}	$A_{2^2} + B_{2^{24}}$

479 $N = 479$ 479

	d	w	c_∞	C	T	B	m	Ker(δ)
A	8	+	1	1	1	0	2^8	$B_{2^{16}}$
B	32	−	1	239	239	2^8	2^8	$A_{2^{16}}$

487 $N = 487$ 487

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	−	1	1	1	2^2	$2^4 \cdot 3 \cdot 5^2$	$B_{2^4} + C_{3^2} + D_{5^4} + E_{2^4}$
B	2	−	1	3	3	2^2	$2^4 \cdot 3 \cdot 17$	$A_{2^4} + D_{51^2} + E_{2^4}$
C	3	−	1	1	1	1	$3 \cdot 19 \cdot 103$	$A_{3^2} + D_{1957^2}$
D	16	−	1	3^3	3^3	2^{13}	$2^{13} \cdot 3 \cdot 5^2 \cdot 17 \cdot 19 \cdot 103$	$A_{5^4} + B_{51^2} + C_{1957^2} + E_{2^{26}}$
E	17	+	1	1	1	0	2^{17}	$A_{2^4} + B_{2^4} + D_{2^{26}}$

491 $N = 491$ 491

	d	w	c_∞	C	T	B	m	Ker(δ)
A	2	+	1	1	1	0	$2^2 \cdot 19$	$B_{19^2} + C_{2^4}$
B	10	+	1	1	1	0	$2^{10} \cdot 19$	$A_{19^2} + C_{2^{20}}$
C	29	−	1	$5 \cdot 7^2$	$5 \cdot 7^2$	2^{12}	2^{12}	$A_{2^4} + B_{2^{20}}$

	d	w	c_∞	C	T	B	m	$\mathrm{Ker}(\delta)$
A	2	$+$	1	1	1	0	$2^2 \cdot 71$	$B_{71^2} + C_{2^4}$
B	16	$+$	2^2	1	1	0	$2^{16} \cdot 71$	$A_{71^2} + C_{2^{32}}$
C	23	$-$	2^2	83	83	2^{18}	2^{18}	$A_{2^4} + B_{2^{32}}$