

A4135

2/2/11A

k	$v_\gamma(k)$	lexicographically first set
1	1	{0}
2	2	{0,1}
3	3	{0,1,2}
4	6	{0,1,2,4}
5	11	{0,1,2,4,7}
6	19	{0,1,2,4,7,12}
7	28	{0,1,2,4,8,15,20}
8	40	{0,1,5,7,9,20,23,35}
9	56	{0,1,2,4,7,13,24,32,42}
10	72	{0,1,2,4,7,13,23,31,39,59}
11	96	{0,1,2,4,10,16,30,37,50,55,74}
12	114	{0,1,4,14,22,34,39,66,68,77,92,108}
13	147	{0,1,2,4,7,29,40,54,75,88,107,131,139}
14	178	{0,1,2,4,16,51,80,98,105,111,137,142,159,170}
15	≤ 219	{0,1,2,4,7,12,20,36,62,71,101,115,146,183,198}

Table 1:

A4136

28449

k	$v_\delta(k)$	lexicographically first set
1	1	{0}
2	3	{0,1}
3	7	{0,1,3}
4	13	{0,1,3,9}
5	21	{0,1,4,14,16}
6	31	{0,1,3,8,12,18}
7	48	{0,1,3,15,20,38,42}
8	57	{0,1,3,13,32,36,43,52}
9	73	{0,1,3,7,15,31,36,54,63}
10	91	{0,1,3,9,27,49,56,61,77,81}
11	120	{0,1,3,20,31,35,45,53,58,74,114}
12	133	{0,1,3,12,20,34,38,81,88,94,104,109}
13	168	{0,1,3,11,30,34,46,83,103,108,121,147,162}
14	183	{0,1,3,24,41,52,57,66,70,96,102,149,164,176}

Table 2:

A 260 998

n		a maximum set	n		a maximum set
1	1	{0}	46	8	{0, 1, 2, 4, 7, 13, 23, 33}
2	2	{0, 1}	47	8	{0, 1, 2, 4, 7, 12, 22, 35}
3	3	{0, 1, 2}	48	8	{0, 1, 2, 4, 7, 12, 22, 36}
4	3	{0, 1, 2}	49	8	{0, 1, 2, 4, 7, 12, 20, 29}
5	3	{0, 1, 2}	50	8	{0, 1, 2, 4, 7, 12, 20, 29}
6	4	{0, 1, 2, 4}	51	8	{0, 1, 2, 4, 7, 12, 20, 29}
7	4	{0, 1, 2, 4}	52	8	{0, 1, 2, 4, 7, 12, 20, 29}
8	4	{0, 1, 2, 4}	53	8	{0, 1, 2, 4, 7, 12, 20, 29}
9	4	{0, 1, 2, 4}	54	8	{0, 1, 2, 4, 7, 12, 20, 29}
10	4	{0, 1, 2, 4}	55	8	{0, 1, 2, 4, 7, 12, 20, 29}
11	5	{0, 1, 2, 4, 7}	56	9	{0, 1, 2, 4, 7, 13, 24, 32, 42}
12	5	{0, 1, 2, 4, 7}	57	9	{0, 1, 2, 4, 12, 30, 37, 44, 53}
13	5	{0, 1, 2, 4, 7}	58	9	{0, 1, 2, 4, 7, 13, 23, 31, 45}
14	5	{0, 1, 2, 4, 7}	59	9	{0, 1, 2, 4, 7, 13, 23, 31, 46}
15	5	{0, 1, 2, 4, 7}	60	9	{0, 1, 2, 4, 7, 13, 24, 32, 46}
16	5	{0, 1, 2, 4, 7}	61	9	{0, 1, 2, 4, 7, 13, 23, 31, 48}
17	5	{0, 1, 2, 4, 7}	62	9	{0, 1, 2, 4, 7, 12, 22, 37, 50}
18	5	{0, 1, 2, 4, 7}	63	9	{0, 1, 2, 4, 7, 12, 22, 37, 51}
19	6	{0, 1, 2, 4, 7, 12}	64	9	{0, 1, 2, 4, 7, 12, 20, 35, 44}
20	6	{0, 1, 2, 4, 7, 12}	65	9	{0, 1, 2, 4, 7, 12, 20, 33, 42}
21	6	{0, 1, 2, 4, 7, 12}	66	9	{0, 1, 2, 4, 7, 12, 20, 36, 45}
22	6	{0, 1, 2, 4, 7, 12}	67	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
23	6	{0, 1, 2, 4, 7, 12}	68	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
24	6	{0, 1, 2, 4, 7, 12}	69	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
25	6	{0, 1, 2, 4, 7, 12}	70	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
26	6	{0, 1, 2, 4, 7, 12}	71	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
27	6	{0, 1, 2, 4, 7, 12}	72	10	{0, 1, 2, 4, 7, 13, 23, 31, 39, 59}
28	7	{0, 1, 2, 4, 8, 15, 20}	73	10	{0, 1, 2, 4, 8, 16, 32, 37, 55, 64}
29	7	{0, 1, 2, 5, 9, 18, 24}	74	10	{0, 1, 2, 4, 9, 17, 28, 34, 40, 54}
30	7	{0, 1, 2, 4, 8, 16, 21}	75	9	{0, 1, 2, 4, 7, 12, 20, 29, 38}
31	7	{0, 1, 2, 4, 8, 13, 18}	76	10	{0, 1, 2, 4, 7, 14, 24, 33, 41, 62}
32	7	{0, 1, 2, 4, 7, 12, 20}	77	10	{0, 1, 2, 4, 7, 13, 23, 31, 39, 64}
33	7	{0, 1, 2, 4, 7, 12, 20}	78	10	{0, 1, 2, 4, 7, 12, 22, 43, 52, 66}
34	7	{0, 1, 2, 4, 7, 12, 20}	79	10	{0, 1, 2, 4, 7, 12, 22, 44, 53, 67}
35	7	{0, 1, 2, 4, 7, 12, 20}	80	10	{0, 1, 2, 4, 7, 12, 22, 43, 52, 68}
36	7	{0, 1, 2, 4, 7, 12, 20}	81	10	{0, 1, 2, 4, 7, 13, 23, 33, 41, 58}
37	7	{0, 1, 2, 4, 7, 12, 20}	82	10	{0, 1, 2, 4, 7, 12, 22, 40, 57, 70}
38	7	{0, 1, 2, 4, 7, 12, 20}	83	10	{0, 1, 2, 4, 7, 12, 23, 46, 55, 70}
39	7	{0, 1, 2, 4, 7, 12, 20}	84	10	{0, 1, 2, 4, 7, 12, 22, 42, 59, 72}
40	8	{0, 1, 5, 7, 9, 20, 23, 35}	85	10	{0, 1, 2, 4, 7, 12, 20, 33, 48, 62}
41	7	{0, 1, 2, 4, 7, 12, 20}	86	10	{0, 1, 2, 4, 7, 12, 20, 33, 48, 63}
42	8	{0, 1, 2, 4, 8, 24, 29, 34}	87	10	{0, 1, 2, 4, 7, 12, 20, 29, 44, 58}
43	8	{0, 1, 2, 4, 7, 12, 22, 31}	88	10	{0, 1, 2, 4, 7, 12, 20, 29, 44, 59}
44	8	{0, 1, 2, 4, 7, 13, 23, 31}	89	10	{0, 1, 2, 4, 7, 12, 20, 29, 46, 60}
45	8	{0, 1, 2, 4, 7, 12, 23, 32}	90	10	{0, 1, 2, 4, 7, 12, 20, 29, 38, 52}

Table 3:

A260999

n		a maximum set	n		a maximum set
1	1	{0}	43	6	{0, 1, 3, 7, 12, 20}
2	1	{0}	44	6	{0, 1, 3, 7, 12, 20}
3	2	{0, 1}	45	6	{0, 1, 3, 7, 12, 20}
4	2	{0, 1}	46	6	{0, 1, 3, 7, 12, 20}
5	2	{0, 1}	47	6	{0, 1, 3, 7, 12, 20}
6	2	{0, 1}	48	7	{0, 1, 3, 15, 20, 38, 42}
7	3	{0, 1, 3}	49	7	{0, 1, 3, 7, 27, 35, 40}
8	3	{0, 1, 3}	50	7	{0, 1, 3, 8, 14, 18, 30}
9	3	{0, 1, 3}	51	7	{0, 1, 3, 7, 12, 20, 30}
10	3	{0, 1, 3}	52	7	{0, 1, 3, 7, 12, 22, 35}
11	3	{0, 1, 3}	53	7	{0, 1, 3, 7, 12, 22, 40}
12	3	{0, 1, 3}	54	7	{0, 1, 3, 7, 16, 26, 37}
13	4	{0, 1, 3, 9}	55	7	{0, 1, 3, 7, 12, 20, 30}
14	4	{0, 1, 4, 6}	56	7	{0, 1, 3, 7, 12, 20, 41}
15	4	{0, 1, 3, 7}	57	8	{0, 1, 3, 13, 32, 36, 43, 52}
16	4	{0, 1, 3, 7}	58	7	{0, 1, 3, 7, 12, 20, 43}
17	4	{0, 1, 3, 7}	59	7	{0, 1, 3, 7, 12, 20, 34}
18	4	{0, 1, 3, 7}	60	7	{0, 1, 3, 7, 12, 20, 38}
19	4	{0, 1, 3, 7}	61	7	{0, 1, 3, 7, 12, 20, 30}
20	4	{0, 1, 3, 7}	62	7	{0, 1, 3, 7, 12, 20, 30}
21	5	{0, 1, 4, 14, 16}	63	8	{0, 1, 3, 7, 15, 20, 31, 41}
22	4	{0, 1, 3, 7}	64	8	{0, 1, 3, 8, 19, 25, 29, 52}
23	5	{0, 1, 3, 8, 14}	65	8	{0, 1, 3, 11, 15, 20, 36, 42}
24	5	{0, 1, 3, 9, 20}	66	8	{0, 1, 3, 7, 12, 20, 41, 51}
25	5	{0, 1, 3, 7, 12}	67	8	{0, 1, 3, 7, 12, 20, 30, 46}
26	5	{0, 1, 3, 7, 12}	68	8	{0, 1, 3, 7, 12, 20, 43, 53}
27	5	{0, 1, 3, 7, 12}	69	8	{0, 1, 3, 7, 12, 22, 30, 56}
28	5	{0, 1, 3, 7, 12}	70	8	{0, 1, 3, 7, 12, 22, 45, 53}
29	5	{0, 1, 3, 7, 12}	71	8	{0, 1, 3, 7, 12, 22, 30, 46}
30	5	{0, 1, 3, 7, 12}	72	8	{0, 1, 3, 7, 12, 20, 34, 49}
31	6	{0, 1, 3, 8, 12, 18}	73	9	{0, 1, 3, 7, 15, 31, 36, 54, 63}
32	5	{0, 1, 3, 7, 12}	74	8	{0, 1, 3, 7, 12, 20, 45, 59}
33	5	{0, 1, 3, 7, 12}	75	8	{0, 1, 3, 7, 12, 20, 34, 50}
34	5	{0, 1, 3, 7, 12}	76	8	{0, 1, 3, 7, 12, 20, 30, 51}
35	6	{0, 1, 3, 7, 12, 20}	77	8	{0, 1, 3, 7, 12, 20, 30, 44}
36	6	{0, 1, 3, 8, 23, 27}	78	8	{0, 1, 3, 7, 12, 20, 47, 57}
37	6	{0, 1, 3, 7, 16, 26}	79	8	{0, 1, 3, 7, 12, 20, 30, 44}
38	6	{0, 1, 3, 7, 17, 30}	80	9	{0, 1, 3, 9, 22, 27, 34, 38, 66}
39	6	{0, 1, 3, 7, 12, 22}	81	8	{0, 1, 3, 7, 12, 20, 30, 45}
40	6	{0, 1, 3, 7, 17, 28}	82	8	{0, 1, 3, 7, 12, 20, 34, 59}
41	6	{0, 1, 3, 7, 12, 20}	83	8	{0, 1, 3, 7, 12, 20, 30, 44}
42	6	{0, 1, 3, 7, 12, 20}	84	8	{0, 1, 3, 7, 12, 20, 30, 51}

Table 5: