TABLES OF SMOOTH FANO WEIGHTED COMPLETE INTERSECTIONS OF DIMENSION $6 \leq n \leq 10$

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We list the tables of smooth Fano weighted complete intersections of dimension $6 \leq n \leq 10$ that are not an intersections with linear cones. In each table, a row records a weighted complete intersection

$$X = X_{d_1,\dots,d_c} \ \subset \ \mathbb{P}(a_0,\dots,a_N), \qquad n = \dim X, \ N = n + c.$$

- c is the codimension, i.e. the number of equations ($c = \#\{d_j\}$).
- I is the Fano index,
$$I = \sum_{i=0}^{N} w_i \ - \ \sum_{j=1}^{c} d_j,$$
so that $-K_X = I\,H|_X$ with $H = \mathcal{O}_{\mathbb{P}}(1)$.
- **Eq degrees & Embedding** lists the multidegree $(d_1,\dots,d_c)$ and the ambient weights $(w_0,\dots,w_N)$ in the shorthand $X_{d_1,\dots,d_c} \subset \mathbb{P}(\cdots)$.
- $(-K_X)^n$ is the anticanonical volume
$$(-K_X)^n \ = \ I^n \cdot D^n, \qquad D^n \ = \ \frac{\prod_{j=1}^{c} d_j}{\prod_{i=0}^{N} w_i}\,.$$
- $h^0(-K_X)$ is the number of anticanonical sections,
$$h^0(-K_X) \ = \ \dim H^0\big(X, \mathcal{O}_X(I)\big) \ = \ [t^I]\,\frac{\prod_{j=1}^{c}(1-t^{d_j})}{\prod_{i=0}^{N}(1-t^{w_i})},$$
i.e. the coefficient of t^I in the Hilbert series of X.

1. Fano 6-folds

Table 1: Fano 6-folds

S.No	c	I	Eq degrees & Embedding	$(-K_X)^6$	$h^0(-K_X)$
1	1	1	$X_7 \subset \mathbb{P}(1^8)$	7	8
2	1	1	$X_8 \subset \mathbb{P}(1^7, 2)$	4	7
3	1	1	$X_9 \subset \mathbb{P}(1^7, 3)$	3	7
4	1	1	$X_{12} \subset \mathbb{P}(1^6, 3, 4)$	1	6
5	1	1	$X_{12} \subset \mathbb{P}(1^7, 6)$	2	7

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^6$	$h^0(-K_X)$
6	1	1	$X_{14} \subset \mathbb{P}(1^6, 2, 7)$	1	6
7	1	2	$X_6 \subset \mathbb{P}(1^8)$	384	36
8	1	2	$X_{10} \subset \mathbb{P}(1^7, 5)$	128	28
9	1	3	$X_5 \subset \mathbb{P}(1^8)$	3645	120
10	1	3	$X_6 \subset \mathbb{P}(1^7, 2)$	2187	91
11	1	3	$X_8 \subset \mathbb{P}(1^7, 4)$	1458	84
12	1	3	$X_{10} \subset \mathbb{P}(1^6, 2, 5)$	729	62
13	1	4	$X_4 \subset \mathbb{P}(1^8)$	16384	329
14	1	4	$X_6 \subset \mathbb{P}(1^7, 3)$	8192	217
15	1	5	$X_3 \subset \mathbb{P}(1^8)$	46875	756
16	1	5	$X_4 \subset \mathbb{P}(1^7, 2)$	31250	546
17	1	5	$X_6 \subset \mathbb{P}(1^6, 2, 3)$	15625	336
18	1	6	$X_2 \subset \mathbb{P}(1^8)$	93312	1386
19	2	1	$X_{2,6} \subset \mathbb{P}(1^9)$	12	9
20	2	1	$X_{2,10} \subset \mathbb{P}(1^8, 5)$	4	8
21	2	1	$X_{3,5} \subset \mathbb{P}(1^9)$	15	9
22	2	1	$X_{3,6} \subset \mathbb{P}(1^8, 2)$	9	8
23	2	1	$X_{3,8} \subset \mathbb{P}(1^8, 4)$	6	8
24	2	1	$X_{3,10} \subset \mathbb{P}(1^7, 2, 5)$	3	7
25	2	1	$X_{3,18} \subset \mathbb{P}(1^7, 6, 9)$	1	7
26	2	1	$X_{4^2} \subset \mathbb{P}(1^9)$	16	9
27	2	1	$X_{4,5} \subset \mathbb{P}(1^8, 2)$	10	8
28	2	1	$X_{4,6} \subset \mathbb{P}(1^7, 2^2)$	6	7
29	2	1	$X_{4,6} \subset \mathbb{P}(1^8, 3)$	8	8
30	2	1	$X_{4,10} \subset \mathbb{P}(1^6, 2^2, 5)$	2	6
31	2	1	$X_{5,6} \subset \mathbb{P}(1^7, 2, 3)$	5	7

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^6$	$h^0(-K_X)$
32	2	1	$X_{6^2} \subset \mathbb{P}(1^6, 2^2, 3)$	3	6
33	2	1	$X_{6^2} \subset \mathbb{P}(1^7, 3^2)$	4	7
34	2	1	$X_{6,8} \subset \mathbb{P}(1^6, 2, 3, 4)$	2	6
35	2	1	$X_{6,10} \subset \mathbb{P}(1^5, 2^2, 3, 5)$	1	5
36	2	2	$X_{2,5} \subset \mathbb{P}(1^9)$	640	44
37	2	2	$X_{2,8} \subset \mathbb{P}(1^8, 4)$	256	35
38	2	2	$X_{3,4} \subset \mathbb{P}(1^9)$	768	45
39	2	2	$X_{4^2} \subset \mathbb{P}(1^8, 2)$	512	37
40	2	2	$X_{4,6} \subset \mathbb{P}(1^7, 2, 3)$	256	29
41	2	2	$X_{6^2} \subset \mathbb{P}(1^6, 2, 3^2)$	128	22
42	2	3	$X_{2,4} \subset \mathbb{P}(1^9)$	5832	156
43	2	3	$X_{2,6} \subset \mathbb{P}(1^8, 3)$	2916	113
44	2	3	$X_{2,12} \subset \mathbb{P}(1^7, 4, 6)$	729	77
45	2	3	$X_{3^2} \subset \mathbb{P}(1^9)$	6561	163
46	2	3	$X_{3,4} \subset \mathbb{P}(1^8, 2)$	4374	127
47	2	3	$X_{4^2} \subset \mathbb{P}(1^7, 2^2)$	2916	98
48	2	3	$X_{4,6} \subset \mathbb{P}(1^6, 2^2, 3)$	1458	69
49	2	3	$X_{6^2} \subset \mathbb{P}(1^5, 2^2, 3^2)$	729	47
50	2	4	$X_{2,3} \subset \mathbb{P}(1^9)$	24576	441
51	2	5	$X_{2^2} \subset \mathbb{P}(1^9)$	62500	966
52	3	1	$X_{2^2,5} \subset \mathbb{P}(1^{10})$	20	10
53	3	1	$X_{2^2,8} \subset \mathbb{P}(1^9, 4)$	8	9
54	3	1	$X_{2,3,4} \subset \mathbb{P}(1^{10})$	24	10
55	3	1	$X_{3^3} \subset \mathbb{P}(1^{10})$	27	10
56	3	1	$X_{3^2,4} \subset \mathbb{P}(1^9, 2)$	18	9
57	3	1	$X_{3,4^2} \subset \mathbb{P}(1^8, 2^2)$	12	8

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^6$	$h^0(-K_X)$
58	3	1	$X_{4^3} \subset \mathbb{P}(1^7, 2^3)$	8	7
59	3	1	$X_{4^2,6} \subset \mathbb{P}(1^6, 2^3, 3)$	4	6
60	3	1	$X_{4,6^2} \subset \mathbb{P}(1^5, 2^3, 3^2)$	2	5
61	3	1	$X_{6^3} \subset \mathbb{P}(1^4, 2^3, 3^3)$	1	4
62	3	2	$X_{2^2,4} \subset \mathbb{P}(1^{10})$	1024	53
63	3	2	$X_{2^2,6} \subset \mathbb{P}(1^9, 3)$	512	43
64	3	2	$X_{2,3^2} \subset \mathbb{P}(1^{10})$	1152	54
65	3	3	$X_{2^2,3} \subset \mathbb{P}(1^{10})$	8748	199
66	3	4	$X_{2^3} \subset \mathbb{P}(1^{10})$	32768	553
67	4	1	$X_{2^3,4} \subset \mathbb{P}(1^{11})$	32	11
68	4	1	$X_{2^3,6} \subset \mathbb{P}(1^{10}, 3)$	16	10
69	4	1	$X_{2^2,3^2} \subset \mathbb{P}(1^{11})$	36	11
70	4	2	$X_{2^3,3} \subset \mathbb{P}(1^{11})$	1536	63
71	4	3	$X_{2^4} \subset \mathbb{P}(1^{11})$	11664	242
72	5	1	$X_{2^4,3} \subset \mathbb{P}(1^{12})$	48	12
73	5	2	$X_{2^5} \subset \mathbb{P}(1^{12})$	2048	73
74	6	1	$X_{2^6} \subset \mathbb{P}(1^{13})$	64	13

2. Fano 7-folds

Table 2: Fano 7-folds

S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
1	1	1	$X_8 \subset \mathbb{P}(1^9)$	8	9
2	1	1	$X_{14} \subset \mathbb{P}(1^8, 7)$	2	8
3	1	2	$X_7 \subset \mathbb{P}(1^9)$	896	45
4	1	2	$X_8 \subset \mathbb{P}(1^8, 2)$	512	37

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
5	1	2	$X_9 \subset \mathbb{P}(1^8, 3)$	384	36
6	1	2	$X_{12} \subset \mathbb{P}(1^7, 3, 4)$	128	28
7	1	2	$X_{12} \subset \mathbb{P}(1^8, 6)$	256	36
8	1	2	$X_{14} \subset \mathbb{P}(1^7, 2, 7)$	128	29
9	1	3	$X_6 \subset \mathbb{P}(1^9)$	13122	165
10	1	3	$X_{10} \subset \mathbb{P}(1^8, 5)$	4374	120
11	1	4	$X_5 \subset \mathbb{P}(1^9)$	81920	495
12	1	4	$X_6 \subset \mathbb{P}(1^8, 2)$	49152	367
13	1	4	$X_8 \subset \mathbb{P}(1^8, 4)$	32768	331
14	1	4	$X_{10} \subset \mathbb{P}(1^7, 2, 5)$	16384	239
15	1	5	$X_4 \subset \mathbb{P}(1^9)$	312500	1278
16	1	5	$X_6 \subset \mathbb{P}(1^8, 3)$	156250	828
17	1	6	$X_3 \subset \mathbb{P}(1^9)$	839808	2838
18	1	6	$X_4 \subset \mathbb{P}(1^8, 2)$	559872	2046
19	1	6	$X_6 \subset \mathbb{P}(1^7, 2, 3)$	279936	1254
20	1	7	$X_2 \subset \mathbb{P}(1^9)$	1647086	5148
21	2	1	$X_{4,5} \subset \mathbb{P}(1^{10})$	20	10
22	2	1	$X_{3,6} \subset \mathbb{P}(1^{10})$	18	10
23	2	1	$X_{4,6} \subset \mathbb{P}(1^9, 2)$	12	9
24	2	1	$X_{5,6} \subset \mathbb{P}(1^9, 3)$	10	9
25	2	1	$X_6^2 \subset \mathbb{P}(1^8, 2, 3)$	6	8
26	2	1	$X_{2,7} \subset \mathbb{P}(1^{10})$	14	10
27	2	1	$X_{6,8} \subset \mathbb{P}(1^8, 3, 4)$	4	8
28	2	1	$X_{2,9} \subset \mathbb{P}(1^9, 3)$	6	9
29	2	1	$X_{3,10} \subset \mathbb{P}(1^9, 5)$	6	9
30	2	1	$X_{4,10} \subset \mathbb{P}(1^8, 2, 5)$	4	8

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
31	2	1	$X_{6,10} \subset \mathbb{P}(1^7, 2, 3, 5)$	2	7
32	2	1	$X_{2,12} \subset \mathbb{P}(1^8, 3, 4)$	2	8
33	2	1	$X_{2,12} \subset \mathbb{P}(1^9, 6)$	4	9
34	2	2	$X_4^2 \subset \mathbb{P}(1^{10})$	2048	55
35	2	2	$X_{3,5} \subset \mathbb{P}(1^{10})$	1920	55
36	2	2	$X_{4,5} \subset \mathbb{P}(1^9, 2)$	1280	46
37	2	2	$X_{2,6} \subset \mathbb{P}(1^{10})$	1536	54
38	2	2	$X_{3,6} \subset \mathbb{P}(1^9, 2)$	1152	46
39	2	2	$X_{4,6} \subset \mathbb{P}(1^8, 2^2)$	768	38
40	2	2	$X_{4,6} \subset \mathbb{P}(1^9, 3)$	1024	45
41	2	2	$X_{5,6} \subset \mathbb{P}(1^8, 2, 3)$	640	37
42	2	2	$X_6^2 \subset \mathbb{P}(1^7, 2^2, 3)$	384	30
43	2	2	$X_6^2 \subset \mathbb{P}(1^8, 3^2)$	512	36
44	2	2	$X_{3,8} \subset \mathbb{P}(1^9, 4)$	768	45
45	2	2	$X_{6,8} \subset \mathbb{P}(1^7, 2, 3, 4)$	256	29
46	2	2	$X_{2,10} \subset \mathbb{P}(1^9, 5)$	512	44
47	2	2	$X_{3,10} \subset \mathbb{P}(1^8, 2, 5)$	384	37
48	2	2	$X_{4,10} \subset \mathbb{P}(1^7, 2^2, 5)$	256	30
49	2	2	$X_{6,10} \subset \mathbb{P}(1^6, 2^2, 3, 5)$	128	23
50	2	3	$X_{3,4} \subset \mathbb{P}(1^{10})$	26244	219
51	2	3	$X_4^2 \subset \mathbb{P}(1^9, 2)$	17496	174
52	2	3	$X_{2,5} \subset \mathbb{P}(1^{10})$	21870	210
53	2	3	$X_{4,6} \subset \mathbb{P}(1^8, 2, 3)$	8748	129
54	2	3	$X_6^2 \subset \mathbb{P}(1^7, 2, 3^2)$	4374	93
55	2	3	$X_{2,8} \subset \mathbb{P}(1^9, 4)$	8748	156
56	2	4	$X_3^2 \subset \mathbb{P}(1^{10})$	147456	695

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
57	2	4	$X_{2,4} \subset \mathbb{P}(1^{10})$	131072	659
58	2	4	$X_{3,4} \subset \mathbb{P}(1^9, 2)$	98304	531
59	2	4	$X_4^2 \subset \mathbb{P}(1^8, 2^2)$	65536	403
60	2	4	$X_{2,6} \subset \mathbb{P}(1^9, 3)$	65536	459
61	2	4	$X_{4,6} \subset \mathbb{P}(1^7, 2^2, 3)$	32768	275
62	2	4	$X_6^2 \subset \mathbb{P}(1^6, 2^2, 3^2)$	16384	183
63	2	5	$X_{2,3} \subset \mathbb{P}(1^{10})$	468750	1728
64	2	6	$X_2^2 \subset \mathbb{P}(1^{10})$	1119744	3630
65	3	1	$X_{3^2,4} \subset \mathbb{P}(1^{11})$	36	11
66	3	1	$X_{2,4^2} \subset \mathbb{P}(1^{11})$	32	11
67	3	1	$X_{3,4^2} \subset \mathbb{P}(1^{10}, 2)$	24	10
68	3	1	$X_4^3 \subset \mathbb{P}(1^9, 2^2)$	16	9
69	3	1	$X_{2,3,5} \subset \mathbb{P}(1^{11})$	30	11
70	3	1	$X_{2^2,6} \subset \mathbb{P}(1^{11})$	24	11
71	3	1	$X_{2,4,6} \subset \mathbb{P}(1^{10}, 3)$	16	10
72	3	1	$X_{4^2,6} \subset \mathbb{P}(1^8, 2^2, 3)$	8	8
73	3	1	$X_{2,6^2} \subset \mathbb{P}(1^9, 3^2)$	8	9
74	3	1	$X_{4,6^2} \subset \mathbb{P}(1^7, 2^2, 3^2)$	4	7
75	3	1	$X_6^3 \subset \mathbb{P}(1^6, 2^2, 3^3)$	2	6
76	3	1	$X_{2,3,8} \subset \mathbb{P}(1^{10}, 4)$	12	10
77	3	1	$X_{2^2,10} \subset \mathbb{P}(1^{10}, 5)$	8	10
78	3	1	$X_{2,3,18} \subset \mathbb{P}(1^9, 6, 9)$	2	9
79	3	2	$X_3^3 \subset \mathbb{P}(1^{11})$	3456	66
80	3	2	$X_{2,3,4} \subset \mathbb{P}(1^{11})$	3072	65
81	3	2	$X_{3^2,4} \subset \mathbb{P}(1^{10}, 2)$	2304	56
82	3	2	$X_{3,4^2} \subset \mathbb{P}(1^9, 2^2)$	1536	47

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
83	3	2	$X_4^3 \subset \mathbb{P}(1^8, 2^3)$	1024	39
84	3	2	$X_{2^2,5} \subset \mathbb{P}(1^{11})$	2560	64
85	3	2	$X_{4^2,6} \subset \mathbb{P}(1^7, 2^3, 3)$	512	31
86	3	2	$X_{4,6^2} \subset \mathbb{P}(1^6, 2^3, 3^2)$	256	24
87	3	2	$X_6^3 \subset \mathbb{P}(1^5, 2^3, 3^3)$	128	18
88	3	2	$X_{2^2,8} \subset \mathbb{P}(1^{10}, 4)$	1024	53
89	3	3	$X_{2,3^2} \subset \mathbb{P}(1^{11})$	39366	273
90	3	3	$X_{2^2,4} \subset \mathbb{P}(1^{11})$	34992	264
91	3	3	$X_{2^2,6} \subset \mathbb{P}(1^{10}, 3)$	17496	201
92	3	4	$X_{2^2,3} \subset \mathbb{P}(1^{11})$	196608	859
93	3	5	$X_2^3 \subset \mathbb{P}(1^{11})$	625000	2178
94	4	1	$X_{2,3^3} \subset \mathbb{P}(1^{12})$	54	12
95	4	1	$X_{2^2,3,4} \subset \mathbb{P}(1^{12})$	48	12
96	4	1	$X_{2^3,5} \subset \mathbb{P}(1^{12})$	40	12
97	4	1	$X_{2^3,8} \subset \mathbb{P}(1^{11}, 4)$	16	11
98	4	2	$X_{2^2,3^2} \subset \mathbb{P}(1^{12})$	4608	76
99	4	2	$X_{2^3,4} \subset \mathbb{P}(1^{12})$	4096	75
100	4	2	$X_{2^3,6} \subset \mathbb{P}(1^{11}, 3)$	2048	63
101	4	3	$X_{2^3,3} \subset \mathbb{P}(1^{12})$	52488	327
102	4	4	$X_2^4 \subset \mathbb{P}(1^{12})$	262144	1059
103	5	1	$X_{2^3,3^2} \subset \mathbb{P}(1^{13})$	72	13
104	5	1	$X_{2^4,4} \subset \mathbb{P}(1^{13})$	64	13
105	5	1	$X_{2^4,6} \subset \mathbb{P}(1^{12}, 3)$	32	12
106	5	2	$X_{2^4,3} \subset \mathbb{P}(1^{13})$	6144	87
107	5	3	$X_2^5 \subset \mathbb{P}(1^{13})$	69984	390
108	6	1	$X_{2^5,3} \subset \mathbb{P}(1^{14})$	96	14

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^7$	$h^0(-K_X)$
109	6	2	$X_2^6 \subset \mathbb{P}(1^{14})$	8192	99
110	7	1	$X_2^7 \subset \mathbb{P}(1^{15})$	128	15

3. Fano 8-fold

Table 3: Fano 8-folds

S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
1	1	1	$X_9 \subset \mathbb{P}(1^{10})$	9	10
2	1	1	$X_{10} \subset \mathbb{P}(1^9, 2)$	5	9
3	1	1	$X_{12} \subset \mathbb{P}(1^8, 2, 3)$	2	8
4	1	1	$X_{12} \subset \mathbb{P}(1^9, 4)$	3	9
5	1	1	$X_{15} \subset \mathbb{P}(1^8, 3, 5)$	1	8
6	1	1	$X_{16} \subset \mathbb{P}(1^9, 8)$	2	9
7	1	1	$X_{18} \subset \mathbb{P}(1^8, 2, 9)$	1	8
8	1	2	$X_8 \subset \mathbb{P}(1^{10})$	2048	55
9	1	2	$X_{14} \subset \mathbb{P}(1^9, 7)$	512	45
10	1	3	$X_7 \subset \mathbb{P}(1^{10})$	45927	220
11	1	3	$X_8 \subset \mathbb{P}(1^9, 2)$	26244	174
12	1	3	$X_9 \subset \mathbb{P}(1^9, 3)$	19683	166
13	1	3	$X_{12} \subset \mathbb{P}(1^8, 3, 4)$	6561	121
14	1	3	$X_{12} \subset \mathbb{P}(1^9, 6)$	13122	165
15	1	3	$X_{14} \subset \mathbb{P}(1^8, 2, 7)$	6561	128
16	1	4	$X_6 \subset \mathbb{P}(1^{10})$	393216	715
17	1	4	$X_{10} \subset \mathbb{P}(1^9, 5)$	131072	495
18	1	5	$X_5 \subset \mathbb{P}(1^{10})$	1953125	2001
19	1	5	$X_6 \subset \mathbb{P}(1^9, 2)$	1171875	1461

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
20	1	5	$X_8 \subset \mathbb{P}(1^9, 4)$	781250	1296
21	1	5	$X_{10} \subset \mathbb{P}(1^8, 2, 5)$	390625	921
22	1	6	$X_4 \subset \mathbb{P}(1^{10})$	6718464	4950
23	1	6	$X_6 \subset \mathbb{P}(1^9, 3)$	3359232	3168
24	1	7	$X_3 \subset \mathbb{P}(1^{10})$	17294403	10725
25	1	7	$X_4 \subset \mathbb{P}(1^9, 2)$	11529602	7722
26	1	7	$X_6 \subset \mathbb{P}(1^8, 2, 3)$	5764801	4719
27	1	8	$X_2 \subset \mathbb{P}(1^{10})$	33554432	19305
28	2	1	$X_5^2 \subset \mathbb{P}(1^{11})$	25	11
29	2	1	$X_{4,6} \subset \mathbb{P}(1^{11})$	24	11
30	2	1	$X_{5,6} \subset \mathbb{P}(1^{10}, 2)$	15	10
31	2	1	$X_6^2 \subset \mathbb{P}(1^{10}, 3)$	12	10
32	2	1	$X_6^2 \subset \mathbb{P}(1^9, 2^2)$	9	9
33	2	1	$X_{3,7} \subset \mathbb{P}(1^{11})$	21	11
34	2	1	$X_{4,7} \subset \mathbb{P}(1^{10}, 2)$	14	10
35	2	1	$X_{6,7} \subset \mathbb{P}(1^9, 2, 3)$	7	9
36	2	1	$X_{2,8} \subset \mathbb{P}(1^{11})$	16	11
37	2	1	$X_{3,8} \subset \mathbb{P}(1^{10}, 2)$	12	10
38	2	1	$X_{4,8} \subset \mathbb{P}(1^9, 2^2)$	8	9
39	2	1	$X_{5,8} \subset \mathbb{P}(1^{10}, 4)$	10	10
40	2	1	$X_{6,8} \subset \mathbb{P}(1^8, 2^2, 3)$	4	8
41	2	1	$X_{6,8} \subset \mathbb{P}(1^9, 2, 4)$	6	9
42	2	1	$X_8^2 \subset \mathbb{P}(1^9, 4^2)$	4	9
43	2	1	$X_{4,9} \subset \mathbb{P}(1^9, 2, 3)$	6	9
44	2	1	$X_{6,9} \subset \mathbb{P}(1^8, 2, 3^2)$	3	8
45	2	1	$X_{4,10} \subset \mathbb{P}(1^{10}, 5)$	8	10

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
46	2	1	$X_{6,10} \subset \mathbb{P}(1^8, 2^2, 5)$	3	8
47	2	1	$X_{6,10} \subset \mathbb{P}(1^9, 3, 5)$	4	9
48	2	1	$X_{8,10} \subset \mathbb{P}(1^8, 2, 4, 5)$	2	8
49	2	1	$X^2_{10} \subset \mathbb{P}(1^7, 2^2, 5^2)$	1	7
50	2	1	$X_{3,12} \subset \mathbb{P}(1^{10}, 6)$	6	10
51	2	1	$X_{4,12} \subset \mathbb{P}(1^9, 2, 6)$	4	9
52	2	1	$X_{6,12} \subset \mathbb{P}(1^7, 2, 3^2, 4)$	1	7
53	2	1	$X_{10,12} \subset \mathbb{P}(1^8, 4, 5, 6)$	1	8
54	2	1	$X_{2,14} \subset \mathbb{P}(1^{10}, 7)$	4	10
55	2	1	$X_{3,14} \subset \mathbb{P}(1^9, 2, 7)$	3	9
56	2	1	$X_{4,14} \subset \mathbb{P}(1^8, 2^2, 7)$	2	8
57	2	1	$X_{6,14} \subset \mathbb{P}(1^7, 2^2, 3, 7)$	1	7
58	2	2	$X_{4,5} \subset \mathbb{P}(1^{11})$	5120	66
59	2	2	$X_{3,6} \subset \mathbb{P}(1^{11})$	4608	66
60	2	2	$X_{4,6} \subset \mathbb{P}(1^{10}, 2)$	3072	56
61	2	2	$X_{5,6} \subset \mathbb{P}(1^{10}, 3)$	2560	55
62	2	2	$X^2_6 \subset \mathbb{P}(1^9, 2, 3)$	1536	46
63	2	2	$X_{2,7} \subset \mathbb{P}(1^{11})$	3584	65
64	2	2	$X_{6,8} \subset \mathbb{P}(1^9, 3, 4)$	1024	45
65	2	2	$X_{2,9} \subset \mathbb{P}(1^{10}, 3)$	1536	54
66	2	2	$X_{3,10} \subset \mathbb{P}(1^{10}, 5)$	1536	55
67	2	2	$X_{4,10} \subset \mathbb{P}(1^9, 2, 5)$	1024	46
68	2	2	$X_{6,10} \subset \mathbb{P}(1^8, 2, 3, 5)$	512	37
69	2	2	$X_{2,12} \subset \mathbb{P}(1^{10}, 6)$	1024	54
70	2	2	$X_{2,12} \subset \mathbb{P}(1^9, 3, 4)$	512	44
71	2	3	$X^2_4 \subset \mathbb{P}(1^{11})$	104976	286

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
72	2	3	$X_{3,5} \subset \mathbb{P}(1^{11})$	98415	285
73	2	3	$X_{4,5} \subset \mathbb{P}(1^{10}, 2)$	65610	230
74	2	3	$X_{2,6} \subset \mathbb{P}(1^{11})$	78732	275
75	2	3	$X_{3,6} \subset \mathbb{P}(1^{10}, 2)$	59049	229
76	2	3	$X_{4,6} \subset \mathbb{P}(1^{10}, 3)$	52488	221
77	2	3	$X_{4,6} \subset \mathbb{P}(1^9, 2^2)$	39366	183
78	2	3	$X_{5,6} \subset \mathbb{P}(1^9, 2, 3)$	32805	175
79	2	3	$X_6^2 \subset \mathbb{P}(1^8, 2^2, 3)$	19683	137
80	2	3	$X_6^2 \subset \mathbb{P}(1^9, 3^2)$	26244	167
81	2	3	$X_{3,8} \subset \mathbb{P}(1^{10}, 4)$	39366	219
82	2	3	$X_{6,8} \subset \mathbb{P}(1^8, 2, 3, 4)$	13122	129
83	2	3	$X_{2,10} \subset \mathbb{P}(1^{10}, 5)$	26244	210
84	2	3	$X_{3,10} \subset \mathbb{P}(1^9, 2, 5)$	19683	173
85	2	3	$X_{4,10} \subset \mathbb{P}(1^8, 2^2, 5)$	13122	136
86	2	3	$X_{6,10} \subset \mathbb{P}(1^7, 2^2, 3, 5)$	6561	99
87	2	4	$X_{3,4} \subset \mathbb{P}(1^{11})$	786432	989
88	2	4	$X_4^2 \subset \mathbb{P}(1^{10}, 2)$	524288	769
89	2	4	$X_{2,5} \subset \mathbb{P}(1^{11})$	655360	935
90	2	4	$X_{4,6} \subset \mathbb{P}(1^9, 2, 3)$	262144	549
91	2	4	$X_6^2 \subset \mathbb{P}(1^8, 2, 3^2)$	131072	383
92	2	4	$X_{2,8} \subset \mathbb{P}(1^{10}, 4)$	262144	661
93	2	5	$X_3^2 \subset \mathbb{P}(1^{11})$	3515625	2871
94	2	5	$X_{2,4} \subset \mathbb{P}(1^{11})$	3125000	2706
95	2	5	$X_{3,4} \subset \mathbb{P}(1^{10}, 2)$	2343750	2166
96	2	5	$X_4^2 \subset \mathbb{P}(1^9, 2^2)$	1562500	1626
97	2	5	$X_{2,6} \subset \mathbb{P}(1^{10}, 3)$	1562500	1836

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
98	2	5	$X_{4,6} \subset \mathbb{P}(1^8, 2^2, 3)$	781250	1086
99	2	5	$X_6^2 \subset \mathbb{P}(1^7, 2^2, 3^2)$	390625	711
100	2	6	$X_{2,3} \subset \mathbb{P}(1^{11})$	10077696	6732
101	2	7	$X_2^2 \subset \mathbb{P}(1^{11})$	23059204	13728
102	3	1	$X_{3,4^2} \subset \mathbb{P}(1^{12})$	48	12
103	3	1	$X_4^3 \subset \mathbb{P}(1^{11}, 2)$	32	11
104	3	1	$X_{3^2,5} \subset \mathbb{P}(1^{12})$	45	12
105	3	1	$X_{2,4,5} \subset \mathbb{P}(1^{12})$	40	12
106	3	1	$X_{3,4,5} \subset \mathbb{P}(1^{11}, 2)$	30	11
107	3	1	$X_{4^2,5} \subset \mathbb{P}(1^{10}, 2^2)$	20	10
108	3	1	$X_{2,3,6} \subset \mathbb{P}(1^{12})$	36	12
109	3	1	$X_{3^2,6} \subset \mathbb{P}(1^{11}, 2)$	27	11
110	3	1	$X_{3,4,6} \subset \mathbb{P}(1^{10}, 2^2)$	18	10
111	3	1	$X_{4^2,6} \subset \mathbb{P}(1^{10}, 2, 3)$	16	10
112	3	1	$X_{4^2,6} \subset \mathbb{P}(1^9, 2^3)$	12	9
113	3	1	$X_{2,5,6} \subset \mathbb{P}(1^{11}, 3)$	20	11
114	3	1	$X_{4,5,6} \subset \mathbb{P}(1^9, 2^2, 3)$	10	9
115	3	1	$X_{4,6^2} \subset \mathbb{P}(1^8, 2^3, 3)$	6	8
116	3	1	$X_{4,6^2} \subset \mathbb{P}(1^9, 2, 3^2)$	8	9
117	3	1	$X_{5,6^2} \subset \mathbb{P}(1^8, 2^2, 3^2)$	5	8
118	3	1	$X_6^3 \subset \mathbb{P}(1^7, 2^3, 3^2)$	3	7
119	3	1	$X_6^3 \subset \mathbb{P}(1^8, 2, 3^3)$	4	8
120	3	1	$X_{2^2,7} \subset \mathbb{P}(1^{12})$	28	12
121	3	1	$X_{3^2,8} \subset \mathbb{P}(1^{11}, 4)$	18	11
122	3	1	$X_{2,6,8} \subset \mathbb{P}(1^{10}, 3, 4)$	8	10
123	3	1	$X_{6^2,8} \subset \mathbb{P}(1^7, 2^2, 3^2, 4)$	2	7

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
124	3	1	$X_{2^2,9} \subset \mathbb{P}(1^{11},3)$	12	11
125	3	1	$X_{2,3,10} \subset \mathbb{P}(1^{11},5)$	12	11
126	3	1	$X_{3^2,10} \subset \mathbb{P}(1^{10},2,5)$	9	10
127	3	1	$X_{3,4,10} \subset \mathbb{P}(1^9,2^2,5)$	6	9
128	3	1	$X_{4^2,10} \subset \mathbb{P}(1^8,2^3,5)$	4	8
129	3	1	$X_{4,6,10} \subset \mathbb{P}(1^7,2^3,3,5)$	2	7
130	3	1	$X_{6^2,10} \subset \mathbb{P}(1^6,2^3,3^2,5)$	1	6
131	3	1	$X_{2^2,12} \subset \mathbb{P}(1^{10},3,4)$	4	10
132	3	1	$X_{2^2,12} \subset \mathbb{P}(1^{11},6)$	8	11
133	3	2	$X_{3^2,4} \subset \mathbb{P}(1^{12})$	9216	78
134	3	2	$X_{2,4^2} \subset \mathbb{P}(1^{12})$	8192	77
135	3	2	$X_{3,4^2} \subset \mathbb{P}(1^{11},2)$	6144	67
136	3	2	$X_4^3 \subset \mathbb{P}(1^{10},2^2)$	4096	57
137	3	2	$X_{2,3,5} \subset \mathbb{P}(1^{12})$	7680	77
138	3	2	$X_{2^2,6} \subset \mathbb{P}(1^{12})$	6144	76
139	3	2	$X_{2,4,6} \subset \mathbb{P}(1^{11},3)$	4096	65
140	3	2	$X_{4^2,6} \subset \mathbb{P}(1^9,2^2,3)$	2048	47
141	3	2	$X_{2,6^2} \subset \mathbb{P}(1^{10},3^2)$	2048	54
142	3	2	$X_{4,6^2} \subset \mathbb{P}(1^8,2^2,3^2)$	1024	38
143	3	2	$X_6^3 \subset \mathbb{P}(1^7,2^2,3^3)$	512	30
144	3	2	$X_{2,3,8} \subset \mathbb{P}(1^{11},4)$	3072	65
145	3	2	$X_{2^2,10} \subset \mathbb{P}(1^{11},5)$	2048	64
146	3	3	$X_3^3 \subset \mathbb{P}(1^{12})$	177147	361
147	3	3	$X_{2,3,4} \subset \mathbb{P}(1^{12})$	157464	351
148	3	3	$X_{3^2,4} \subset \mathbb{P}(1^{11},2)$	118098	295
149	3	3	$X_{3,4^2} \subset \mathbb{P}(1^{10},2^2)$	78732	239

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
150	3	3	$X_4^3 \subset \mathbb{P}(1^9, 2^3)$	52488	192
151	3	3	$X_{2^2,5} \subset \mathbb{P}(1^{12})$	131220	340
152	3	3	$X_{4^2,6} \subset \mathbb{P}(1^8, 2^3, 3)$	26244	145
153	3	3	$X_{4,6^2} \subset \mathbb{P}(1^7, 2^3, 3^2)$	13122	107
154	3	3	$X_6^3 \subset \mathbb{P}(1^6, 2^3, 3^3)$	6561	77
155	3	3	$X_{2^2,8} \subset \mathbb{P}(1^{11}, 4)$	52488	264
156	3	4	$X_{2,3^2} \subset \mathbb{P}(1^{12})$	1179648	1263
157	3	4	$X_{2^2,4} \subset \mathbb{P}(1^{12})$	1048576	1209
158	3	4	$X_{2^2,6} \subset \mathbb{P}(1^{11}, 3)$	524288	881
159	3	5	$X_{2^2,3} \subset \mathbb{P}(1^{12})$	4687500	3576
160	3	6	$X_2^3 \subset \mathbb{P}(1^{12})$	13436928	8514
161	4	1	$X_3^4 \subset \mathbb{P}(1^{13})$	81	13
162	4	1	$X_{2,3^2,4} \subset \mathbb{P}(1^{13})$	72	13
163	4	1	$X_{3^3,4} \subset \mathbb{P}(1^{12}, 2)$	54	12
164	4	1	$X_{2^2,4^2} \subset \mathbb{P}(1^{13})$	64	13
165	4	1	$X_{3^2,4^2} \subset \mathbb{P}(1^{11}, 2^2)$	36	11
166	4	1	$X_{3,4^3} \subset \mathbb{P}(1^{10}, 2^3)$	24	10
167	4	1	$X_4^4 \subset \mathbb{P}(1^9, 2^4)$	16	9
168	4	1	$X_{2^2,3,5} \subset \mathbb{P}(1^{13})$	60	13
169	4	1	$X_{2^3,6} \subset \mathbb{P}(1^{13})$	48	13
170	4	1	$X_{2^2,4,6} \subset \mathbb{P}(1^{12}, 3)$	32	12
171	4	1	$X_{4^3,6} \subset \mathbb{P}(1^8, 2^4, 3)$	8	8
172	4	1	$X_{2^2,6^2} \subset \mathbb{P}(1^{11}, 3^2)$	16	11
173	4	1	$X_{4^2,6^2} \subset \mathbb{P}(1^7, 2^4, 3^2)$	4	7
174	4	1	$X_{4,6^3} \subset \mathbb{P}(1^6, 2^4, 3^3)$	2	6
175	4	1	$X_6^4 \subset \mathbb{P}(1^5, 2^4, 3^4)$	1	5

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
176	4	1	$X_{2^2,3,8} \subset \mathbb{P}(1^{12}, 4)$	24	12
177	4	1	$X_{2^3,10} \subset \mathbb{P}(1^{12}, 5)$	16	12
178	4	2	$X_{2,3^3} \subset \mathbb{P}(1^{13})$	13824	90
179	4	2	$X_{2^2,3,4} \subset \mathbb{P}(1^{13})$	12288	89
180	4	2	$X_{2^3,5} \subset \mathbb{P}(1^{13})$	10240	88
181	4	2	$X_{2^3,8} \subset \mathbb{P}(1^{12}, 4)$	4096	75
182	4	3	$X_{2^2,3^2} \subset \mathbb{P}(1^{13})$	236196	427
183	4	3	$X_{2^3,4} \subset \mathbb{P}(1^{13})$	209952	416
184	4	3	$X_{2^3,6} \subset \mathbb{P}(1^{12}, 3)$	104976	329
185	4	4	$X_{2^3,3} \subset \mathbb{P}(1^{13})$	1572864	1537
186	4	5	$X_2^4 \subset \mathbb{P}(1^{13})$	6250000	4446
187	5	1	$X_{2^2,3^3} \subset \mathbb{P}(1^{14})$	108	14
188	5	1	$X_{2^3,3,4} \subset \mathbb{P}(1^{14})$	96	14
189	5	1	$X_{2^4,5} \subset \mathbb{P}(1^{14})$	80	14
190	5	1	$X_{2^4,8} \subset \mathbb{P}(1^{13}, 4)$	32	13
191	5	2	$X_{2^3,3^2} \subset \mathbb{P}(1^{14})$	18432	102
192	5	2	$X_{2^4,4} \subset \mathbb{P}(1^{14})$	16384	101
193	5	2	$X_{2^4,6} \subset \mathbb{P}(1^{13}, 3)$	8192	87
194	5	3	$X_{2^4,3} \subset \mathbb{P}(1^{14})$	314928	503
195	5	4	$X_2^5 \subset \mathbb{P}(1^{14})$	2097152	1865
196	6	1	$X_{2^4,3^2} \subset \mathbb{P}(1^{15})$	144	15
197	6	1	$X_{2^5,4} \subset \mathbb{P}(1^{15})$	128	15
198	6	1	$X_{2^5,6} \subset \mathbb{P}(1^{14}, 3)$	64	14
199	6	2	$X_{2^5,3} \subset \mathbb{P}(1^{15})$	24576	115
200	6	3	$X_2^6 \subset \mathbb{P}(1^{15})$	419904	590
201	7	1	$X_{2^6,3} \subset \mathbb{P}(1^{16})$	192	16

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^8$	$h^0(-K_X)$
202	7	2	$X_2^7 \subset \mathbb{P}(1^{16})$	32768	129
203	8	1	$X_2^8 \subset \mathbb{P}(1^{17})$	256	17

4. Fano 9-folds

Table 4: Fano 9-folds

S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
1	1	1	$X_{10} \subset \mathbb{P}(1^{11})$	10	11
2	1	1	$X_{12} \subset \mathbb{P}(1^{10}, 3)$	4	10
3	1	1	$X_{18} \subset \mathbb{P}(1^{10}, 9)$	2	10
4	1	2	$X_9 \subset \mathbb{P}(1^{11})$	4608	66
5	1	2	$X_{10} \subset \mathbb{P}(1^{10}, 2)$	2560	56
6	1	2	$X_{12} \subset \mathbb{P}(1^{10}, 4)$	1536	55
7	1	2	$X_{12} \subset \mathbb{P}(1^9, 2, 3)$	1024	46
8	1	2	$X_{15} \subset \mathbb{P}(1^9, 3, 5)$	512	45
9	1	2	$X_{16} \subset \mathbb{P}(1^{10}, 8)$	1024	55
10	1	2	$X_{18} \subset \mathbb{P}(1^9, 2, 9)$	512	46
11	1	3	$X_8 \subset \mathbb{P}(1^{11})$	157464	286
12	1	3	$X_{14} \subset \mathbb{P}(1^{10}, 7)$	39366	220
13	1	4	$X_7 \subset \mathbb{P}(1^{11})$	1835008	1001
14	1	4	$X_8 \subset \mathbb{P}(1^{10}, 2)$	1048576	771
15	1	4	$X_9 \subset \mathbb{P}(1^{10}, 3)$	786432	725
16	1	4	$X_{12} \subset \mathbb{P}(1^{10}, 6)$	524288	715
17	1	4	$X_{12} \subset \mathbb{P}(1^9, 3, 4)$	262144	505
18	1	4	$X_{14} \subset \mathbb{P}(1^9, 2, 7)$	262144	541
19	1	5	$X_6 \subset \mathbb{P}(1^{11})$	11718750	3003

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
20	1	5	$X_{10} \subset \mathbb{P}(1^{10}, 5)$	3906250	2003
21	1	6	$X_5 \subset \mathbb{P}(1^{11})$	50388480	7997
22	1	6	$X_6 \subset \mathbb{P}(1^{10}, 2)$	30233088	5775
23	1	6	$X_8 \subset \mathbb{P}(1^{10}, 4)$	20155392	5060
24	1	6	$X_{10} \subset \mathbb{P}(1^9, 2, 5)$	10077696	3553
25	1	7	$X_4 \subset \mathbb{P}(1^{11})$	161414428	19162
26	1	7	$X_6 \subset \mathbb{P}(1^{10}, 3)$	80707214	12155
27	1	8	$X_3 \subset \mathbb{P}(1^{11})$	402653184	40755
28	1	8	$X_4 \subset \mathbb{P}(1^{10}, 2)$	268435456	29315
29	1	8	$X_6 \subset \mathbb{P}(1^9, 2, 3)$	134217728	17875
30	1	9	$X_2 \subset \mathbb{P}(1^{11})$	774840978	72930
31	2	1	$X_{2,9} \subset \mathbb{P}(1^{12})$	18	12
32	2	1	$X_{2,12} \subset \mathbb{P}(1^{11}, 4)$	6	11
33	2	1	$X_{2,15} \subset \mathbb{P}(1^{10}, 3, 5)$	2	10
34	2	1	$X_{2,16} \subset \mathbb{P}(1^{11}, 8)$	4	11
35	2	1	$X_{3,8} \subset \mathbb{P}(1^{12})$	24	12
36	2	1	$X_{3,14} \subset \mathbb{P}(1^{11}, 7)$	6	11
37	2	1	$X_{4,7} \subset \mathbb{P}(1^{12})$	28	12
38	2	1	$X_{4,8} \subset \mathbb{P}(1^{11}, 2)$	16	11
39	2	1	$X_{4,9} \subset \mathbb{P}(1^{11}, 3)$	12	11
40	2	1	$X_{4,12} \subset \mathbb{P}(1^{11}, 6)$	8	11
41	2	1	$X_{4,14} \subset \mathbb{P}(1^{10}, 2, 7)$	4	10
42	2	1	$X_{5,6} \subset \mathbb{P}(1^{12})$	30	12
43	2	1	$X_{6^2} \subset \mathbb{P}(1^{11}, 2)$	18	11
44	2	1	$X_{6,7} \subset \mathbb{P}(1^{11}, 3)$	14	11
45	2	1	$X_{6,8} \subset \mathbb{P}(1^{10}, 2, 3)$	8	10

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
46	2	1	$X_{6,8} \subset \mathbb{P}(1^{11}, 4)$	12	11
47	2	1	$X_{6,9} \subset \mathbb{P}(1^{10}, 3^2)$	6	10
48	2	1	$X_{6,10} \subset \mathbb{P}(1^{10}, 2, 5)$	6	10
49	2	1	$X_{6,12} \subset \mathbb{P}(1^9, 3^2, 4)$	2	9
50	2	1	$X_{6,14} \subset \mathbb{P}(1^9, 2, 3, 7)$	2	9
51	2	1	$X_{8,10} \subset \mathbb{P}(1^{10}, 4, 5)$	4	10
52	2	1	$X_{10^2} \subset \mathbb{P}(1^9, 2, 5^2)$	2	9
53	2	2	$X_{2,8} \subset \mathbb{P}(1^{12})$	8192	77
54	2	2	$X_{2,14} \subset \mathbb{P}(1^{11}, 7)$	2048	65
55	2	2	$X_{3,7} \subset \mathbb{P}(1^{12})$	10752	78
56	2	2	$X_{3,8} \subset \mathbb{P}(1^{11}, 2)$	6144	67
57	2	2	$X_{3,12} \subset \mathbb{P}(1^{11}, 6)$	3072	66
58	2	2	$X_{3,14} \subset \mathbb{P}(1^{10}, 2, 7)$	1536	56
59	2	2	$X_{4,6} \subset \mathbb{P}(1^{12})$	12288	78
60	2	2	$X_{4,7} \subset \mathbb{P}(1^{11}, 2)$	7168	67
61	2	2	$X_{4,8} \subset \mathbb{P}(1^{10}, 2^2)$	4096	57
62	2	2	$X_{4,9} \subset \mathbb{P}(1^{10}, 2, 3)$	3072	56
63	2	2	$X_{4,10} \subset \mathbb{P}(1^{11}, 5)$	4096	66
64	2	2	$X_{4,12} \subset \mathbb{P}(1^{10}, 2, 6)$	2048	56
65	2	2	$X_{4,14} \subset \mathbb{P}(1^9, 2^2, 7)$	1024	47
66	2	2	$X_{5^2} \subset \mathbb{P}(1^{12})$	12800	78
67	2	2	$X_{5,6} \subset \mathbb{P}(1^{11}, 2)$	7680	67
68	2	2	$X_{5,8} \subset \mathbb{P}(1^{11}, 4)$	5120	66
69	2	2	$X_{6^2} \subset \mathbb{P}(1^{10}, 2^2)$	4608	57
70	2	2	$X_{6^2} \subset \mathbb{P}(1^{11}, 3)$	6144	66
71	2	2	$X_{6,7} \subset \mathbb{P}(1^{10}, 2, 3)$	3584	56

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
72	2	2	$X_{6,8} \subset \mathbb{P}(1^{10}, 2, 4)$	3072	56
73	2	2	$X_{6,8} \subset \mathbb{P}(1^9, 2^2, 3)$	2048	47
74	2	2	$X_{6,9} \subset \mathbb{P}(1^9, 2, 3^2)$	1536	46
75	2	2	$X_{6,10} \subset \mathbb{P}(1^{10}, 3, 5)$	2048	55
76	2	2	$X_{6,10} \subset \mathbb{P}(1^9, 2^2, 5)$	1536	47
77	2	2	$X_{6,12} \subset \mathbb{P}(1^8, 2, 3^2, 4)$	512	37
78	2	2	$X_{6,14} \subset \mathbb{P}(1^8, 2^2, 3, 7)$	512	38
79	2	2	$X_{8^2} \subset \mathbb{P}(1^{10}, 4^2)$	2048	55
80	2	2	$X_{8,10} \subset \mathbb{P}(1^9, 2, 4, 5)$	1024	46
81	2	2	$X_{10^2} \subset \mathbb{P}(1^8, 2^2, 5^2)$	512	38
82	2	2	$X_{10,12} \subset \mathbb{P}(1^9, 4, 5, 6)$	512	45
83	2	3	$X_{2,7} \subset \mathbb{P}(1^{12})$	275562	352
84	2	3	$X_{2,9} \subset \mathbb{P}(1^{11}, 3)$	118098	276
85	2	3	$X_{2,12} \subset \mathbb{P}(1^{10}, 3, 4)$	39366	211
86	2	3	$X_{2,12} \subset \mathbb{P}(1^{11}, 6)$	78732	275
87	2	3	$X_{3,6} \subset \mathbb{P}(1^{12})$	354294	363
88	2	3	$X_{3,10} \subset \mathbb{P}(1^{11}, 5)$	118098	285
89	2	3	$X_{4,5} \subset \mathbb{P}(1^{12})$	393660	364
90	2	3	$X_{4,6} \subset \mathbb{P}(1^{11}, 2)$	236196	297
91	2	3	$X_{4,10} \subset \mathbb{P}(1^{10}, 2, 5)$	78732	230
92	2	3	$X_{5,6} \subset \mathbb{P}(1^{11}, 3)$	196830	287
93	2	3	$X_{6^2} \subset \mathbb{P}(1^{10}, 2, 3)$	118098	231
94	2	3	$X_{6,8} \subset \mathbb{P}(1^{10}, 3, 4)$	78732	221
95	2	3	$X_{6,10} \subset \mathbb{P}(1^9, 2, 3, 5)$	39366	175
96	2	4	$X_{2,6} \subset \mathbb{P}(1^{12})$	3145728	1287
97	2	4	$X_{2,10} \subset \mathbb{P}(1^{11}, 5)$	1048576	935

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
98	2	4	$X_{3,5} \subset \mathbb{P}(1^{12})$	3932160	1353
99	2	4	$X_{3,6} \subset \mathbb{P}(1^{11}, 2)$	2359296	1057
100	2	4	$X_{3,8} \subset \mathbb{P}(1^{11}, 4)$	1572864	991
101	2	4	$X_{3,10} \subset \mathbb{P}(1^{10}, 2, 5)$	786432	761
102	2	4	$X_{4^2} \subset \mathbb{P}(1^{12})$	4194304	1363
103	2	4	$X_{4,5} \subset \mathbb{P}(1^{11}, 2)$	2621440	1067
104	2	4	$X_{4,6} \subset \mathbb{P}(1^{10}, 2^2)$	1572864	827
105	2	4	$X_{4,6} \subset \mathbb{P}(1^{11}, 3)$	2097152	1011
106	2	4	$X_{4,10} \subset \mathbb{P}(1^9, 2^2, 5)$	524288	587
107	2	4	$X_{5,6} \subset \mathbb{P}(1^{10}, 2, 3)$	1310720	781
108	2	4	$X_{6^2} \subset \mathbb{P}(1^{10}, 3^2)$	1048576	735
109	2	4	$X_{6^2} \subset \mathbb{P}(1^9, 2^2, 3)$	786432	597
110	2	4	$X_{6,8} \subset \mathbb{P}(1^9, 2, 3, 4)$	524288	551
111	2	4	$X_{6,10} \subset \mathbb{P}(1^8, 2^2, 3, 5)$	262144	413
112	2	5	$X_{2,5} \subset \mathbb{P}(1^{12})$	19531250	4003
113	2	5	$X_{2,8} \subset \mathbb{P}(1^{11}, 4)$	7812500	2728
114	2	5	$X_{3,4} \subset \mathbb{P}(1^{12})$	23437500	4278
115	2	5	$X_{4^2} \subset \mathbb{P}(1^{11}, 2)$	15625000	3278
116	2	5	$X_{4,6} \subset \mathbb{P}(1^{10}, 2, 3)$	7812500	2278
117	2	5	$X_{6^2} \subset \mathbb{P}(1^9, 2, 3^2)$	3906250	1553
118	2	6	$X_{2,4} \subset \mathbb{P}(1^{12})$	80621568	10934
119	2	6	$X_{2,6} \subset \mathbb{P}(1^{11}, 3)$	40310784	7282
120	2	6	$X_{3^2} \subset \mathbb{P}(1^{12})$	90699264	11649
121	2	6	$X_{3,4} \subset \mathbb{P}(1^{11}, 2)$	60466176	8712
122	2	6	$X_{4^2} \subset \mathbb{P}(1^{10}, 2^2)$	40310784	6490
123	2	6	$X_{4,6} \subset \mathbb{P}(1^9, 2^2, 3)$	20155392	4268

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
124	2	6	$X_{6^2} \subset \mathbb{P}(1^8, 2^2, 3^2)$	10077696	2761
125	2	7	$X_{2,3} \subset \mathbb{P}(1^{12})$	242121642	26169
126	2	8	$X_{2^2} \subset \mathbb{P}(1^{12})$	536870912	52195
127	3	1	$X_{2^2,8} \subset \mathbb{P}(1^{13})$	32	13
128	3	1	$X_{2^2,14} \subset \mathbb{P}(1^{12}, 7)$	8	12
129	3	1	$X_{2,3,7} \subset \mathbb{P}(1^{13})$	42	13
130	3	1	$X_{2,3,12} \subset \mathbb{P}(1^{12}, 6)$	12	12
131	3	1	$X_{2,4,6} \subset \mathbb{P}(1^{13})$	48	13
132	3	1	$X_{2,4,10} \subset \mathbb{P}(1^{12}, 5)$	16	12
133	3	1	$X_{2,5^2} \subset \mathbb{P}(1^{13})$	50	13
134	3	1	$X_{2,5,8} \subset \mathbb{P}(1^{12}, 4)$	20	12
135	3	1	$X_{2,6^2} \subset \mathbb{P}(1^{12}, 3)$	24	12
136	3	1	$X_{2,6,10} \subset \mathbb{P}(1^{11}, 3, 5)$	8	11
137	3	1	$X_{2,8^2} \subset \mathbb{P}(1^{11}, 4^2)$	8	11
138	3	1	$X_{2,10,12} \subset \mathbb{P}(1^{10}, 4, 5, 6)$	2	10
139	3	1	$X_{3^2,6} \subset \mathbb{P}(1^{13})$	54	13
140	3	1	$X_{3^2,10} \subset \mathbb{P}(1^{12}, 5)$	18	12
141	3	1	$X_{3,4,5} \subset \mathbb{P}(1^{13})$	60	13
142	3	1	$X_{3,4,6} \subset \mathbb{P}(1^{12}, 2)$	36	12
143	3	1	$X_{3,4,10} \subset \mathbb{P}(1^{11}, 2, 5)$	12	11
144	3	1	$X_{4^3} \subset \mathbb{P}(1^{13})$	64	13
145	3	1	$X_{4^2,5} \subset \mathbb{P}(1^{12}, 2)$	40	12
146	3	1	$X_{4^2,6} \subset \mathbb{P}(1^{11}, 2^2)$	24	11
147	3	1	$X_{4^2,6} \subset \mathbb{P}(1^{12}, 3)$	32	12
148	3	1	$X_{4^2,10} \subset \mathbb{P}(1^{10}, 2^2, 5)$	8	10
149	3	1	$X_{4,5,6} \subset \mathbb{P}(1^{11}, 2, 3)$	20	11

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
150	3	1	$X_{4,6^2} \subset \mathbb{P}(1^{10}, 2^2, 3)$	12	10
151	3	1	$X_{4,6^2} \subset \mathbb{P}(1^{11}, 3^2)$	16	11
152	3	1	$X_{4,6,10} \subset \mathbb{P}(1^9, 2^2, 3, 5)$	4	9
153	3	1	$X_{5,6^2} \subset \mathbb{P}(1^{10}, 2, 3^2)$	10	10
154	3	1	$X_{6^3} \subset \mathbb{P}(1^{10}, 3^3)$	8	10
155	3	1	$X_{6^3} \subset \mathbb{P}(1^9, 2^2, 3^2)$	6	9
156	3	1	$X_{6^2,8} \subset \mathbb{P}(1^9, 2, 3^2, 4)$	4	9
157	3	1	$X_{6^2,10} \subset \mathbb{P}(1^8, 2^2, 3^2, 5)$	2	8
158	3	2	$X_{2^2,7} \subset \mathbb{P}(1^{13})$	14336	89
159	3	2	$X_{2^2,9} \subset \mathbb{P}(1^{12}, 3)$	6144	76
160	3	2	$X_{2^2,12} \subset \mathbb{P}(1^{11}, 3, 4)$	2048	64
161	3	2	$X_{2^2,12} \subset \mathbb{P}(1^{12}, 6)$	4096	76
162	3	2	$X_{2,3,6} \subset \mathbb{P}(1^{13})$	18432	90
163	3	2	$X_{2,3,10} \subset \mathbb{P}(1^{12}, 5)$	6144	77
164	3	2	$X_{2,4,5} \subset \mathbb{P}(1^{13})$	20480	90
165	3	2	$X_{2,5,6} \subset \mathbb{P}(1^{12}, 3)$	10240	77
166	3	2	$X_{2,6,8} \subset \mathbb{P}(1^{11}, 3, 4)$	4096	65
167	3	2	$X_{3^2,5} \subset \mathbb{P}(1^{13})$	23040	91
168	3	2	$X_{3^2,6} \subset \mathbb{P}(1^{12}, 2)$	13824	79
169	3	2	$X_{3^2,8} \subset \mathbb{P}(1^{12}, 4)$	9216	78
170	3	2	$X_{3^2,10} \subset \mathbb{P}(1^{11}, 2, 5)$	4608	67
171	3	2	$X_{3,4^2} \subset \mathbb{P}(1^{13})$	24576	91
172	3	2	$X_{3,4,5} \subset \mathbb{P}(1^{12}, 2)$	15360	79
173	3	2	$X_{3,4,6} \subset \mathbb{P}(1^{11}, 2^2)$	9216	68
174	3	2	$X_{3,4,10} \subset \mathbb{P}(1^{10}, 2^2, 5)$	3072	57
175	3	2	$X_{4^3} \subset \mathbb{P}(1^{12}, 2)$	16384	79

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
176	3	2	$X_{4^2,5} \subset \mathbb{P}(1^{11}, 2^2)$	10240	68
177	3	2	$X_{4^2,6} \subset \mathbb{P}(1^{10}, 2^3)$	6144	58
178	3	2	$X_{4^2,6} \subset \mathbb{P}(1^{11}, 2, 3)$	8192	67
179	3	2	$X_{4^2,10} \subset \mathbb{P}(1^9, 2^3, 5)$	2048	48
180	3	2	$X_{4,5,6} \subset \mathbb{P}(1^{10}, 2^2, 3)$	5120	57
181	3	2	$X_{4,6^2} \subset \mathbb{P}(1^{10}, 2, 3^2)$	4096	56
182	3	2	$X_{4,6^2} \subset \mathbb{P}(1^9, 2^3, 3)$	3072	48
183	3	2	$X_{4,6,10} \subset \mathbb{P}(1^8, 2^3, 3, 5)$	1024	39
184	3	2	$X_{5,6^2} \subset \mathbb{P}(1^9, 2^2, 3^2)$	2560	47
185	3	2	$X_{6^3} \subset \mathbb{P}(1^8, 2^3, 3^2)$	1536	39
186	3	2	$X_{6^3} \subset \mathbb{P}(1^9, 2, 3^3)$	2048	46
187	3	2	$X_{6^2,8} \subset \mathbb{P}(1^8, 2^2, 3^2, 4)$	1024	38
188	3	2	$X_{6^2,10} \subset \mathbb{P}(1^7, 2^3, 3^2, 5)$	512	31
189	3	3	$X_{2^2,6} \subset \mathbb{P}(1^{13})$	472392	429
190	3	3	$X_{2^2,10} \subset \mathbb{P}(1^{12}, 5)$	157464	340
191	3	3	$X_{2,3,5} \subset \mathbb{P}(1^{13})$	590490	441
192	3	3	$X_{2,3,8} \subset \mathbb{P}(1^{12}, 4)$	236196	351
193	3	3	$X_{2,4^2} \subset \mathbb{P}(1^{13})$	629856	442
194	3	3	$X_{2,4,6} \subset \mathbb{P}(1^{12}, 3)$	314928	353
195	3	3	$X_{2,6^2} \subset \mathbb{P}(1^{11}, 3^2)$	157464	277
196	3	3	$X_{3^2,4} \subset \mathbb{P}(1^{13})$	708588	453
197	3	3	$X_{3,4^2} \subset \mathbb{P}(1^{12}, 2)$	472392	375
198	3	3	$X_{4^3} \subset \mathbb{P}(1^{11}, 2^2)$	314928	308
199	3	3	$X_{4^2,6} \subset \mathbb{P}(1^{10}, 2^2, 3)$	157464	241
200	3	3	$X_{4,6^2} \subset \mathbb{P}(1^9, 2^2, 3^2)$	78732	185
201	3	3	$X_{6^3} \subset \mathbb{P}(1^8, 2^2, 3^3)$	39366	139

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
202	3	4	$X_{2^2,5} \subset \mathbb{P}(1^{13})$	5242880	1639
203	3	4	$X_{2^2,8} \subset \mathbb{P}(1^{12},4)$	2097152	1211
204	3	4	$X_{2,3,4} \subset \mathbb{P}(1^{13})$	6291456	1715
205	3	4	$X_{3^3} \subset \mathbb{P}(1^{13})$	7077888	1781
206	3	4	$X_{3^2,4} \subset \mathbb{P}(1^{12},2)$	4718592	1419
207	3	4	$X_{3,4^2} \subset \mathbb{P}(1^{11},2^2)$	3145728	1123
208	3	4	$X_{4^3} \subset \mathbb{P}(1^{10},2^3)$	2097152	883
209	3	4	$X_{4^2,6} \subset \mathbb{P}(1^9,2^3,3)$	1048576	643
210	3	4	$X_{4,6^2} \subset \mathbb{P}(1^8,2^3,3^2)$	524288	459
211	3	4	$X_{6^3} \subset \mathbb{P}(1^7,2^3,3^3)$	262144	321
212	3	5	$X_{2^2,4} \subset \mathbb{P}(1^{13})$	31250000	5278
213	3	5	$X_{2^2,6} \subset \mathbb{P}(1^{12},3)$	15625000	3728
214	3	5	$X_{2,3^2} \subset \mathbb{P}(1^{13})$	35156250	5553
215	3	6	$X_{2^2,3} \subset \mathbb{P}(1^{13})$	120932352	14586
216	3	7	$X_{2^3} \subset \mathbb{P}(1^{13})$	322828856	33176
217	4	1	$X_{2^3,7} \subset \mathbb{P}(1^{14})$	56	14
218	4	1	$X_{2^3,9} \subset \mathbb{P}(1^{13},3)$	24	13
219	4	1	$X_{2^3,12} \subset \mathbb{P}(1^{12},3,4)$	8	12
220	4	1	$X_{2^3,12} \subset \mathbb{P}(1^{13},6)$	16	13
221	4	1	$X_{2^2,3,6} \subset \mathbb{P}(1^{14})$	72	14
222	4	1	$X_{2^2,3,10} \subset \mathbb{P}(1^{13},5)$	24	13
223	4	1	$X_{2^2,4,5} \subset \mathbb{P}(1^{14})$	80	14
224	4	1	$X_{2^2,5,6} \subset \mathbb{P}(1^{13},3)$	40	13
225	4	1	$X_{2^2,6,8} \subset \mathbb{P}(1^{12},3,4)$	16	12
226	4	1	$X_{2,3^2,5} \subset \mathbb{P}(1^{14})$	90	14
227	4	1	$X_{2,3^2,8} \subset \mathbb{P}(1^{13},4)$	36	13

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
228	4	1	$X_{2,3,4^2} \subset \mathbb{P}(1^{14})$	96	14
229	4	1	$X_{3^3,4} \subset \mathbb{P}(1^{14})$	108	14
230	4	1	$X_{3^2,4^2} \subset \mathbb{P}(1^{13},2)$	72	13
231	4	1	$X_{3,4^3} \subset \mathbb{P}(1^{12},2^2)$	48	12
232	4	1	$X_{4^4} \subset \mathbb{P}(1^{11},2^3)$	32	11
233	4	1	$X_{4^3,6} \subset \mathbb{P}(1^{10},2^3,3)$	16	10
234	4	1	$X_{4^2,6^2} \subset \mathbb{P}(1^9,2^3,3^2)$	8	9
235	4	1	$X_{4,6^3} \subset \mathbb{P}(1^8,2^3,3^3)$	4	8
236	4	1	$X_{6^4} \subset \mathbb{P}(1^7,2^3,3^4)$	2	7
237	4	2	$X_{2^3,6} \subset \mathbb{P}(1^{14})$	24576	102
238	4	2	$X_{2^3,10} \subset \mathbb{P}(1^{13},5)$	8192	88
239	4	2	$X_{2^2,3,5} \subset \mathbb{P}(1^{14})$	30720	103
240	4	2	$X_{2^2,3,8} \subset \mathbb{P}(1^{13},4)$	12288	89
241	4	2	$X_{2^2,4^2} \subset \mathbb{P}(1^{14})$	32768	103
242	4	2	$X_{2^2,4,6} \subset \mathbb{P}(1^{13},3)$	16384	89
243	4	2	$X_{2^2,6^2} \subset \mathbb{P}(1^{12},3^2)$	8192	76
244	4	2	$X_{2,3^2,4} \subset \mathbb{P}(1^{14})$	36864	104
245	4	2	$X_{3^4} \subset \mathbb{P}(1^{14})$	41472	105
246	4	2	$X_{3^3,4} \subset \mathbb{P}(1^{13},2)$	27648	92
247	4	2	$X_{3^2,4^2} \subset \mathbb{P}(1^{12},2^2)$	18432	80
248	4	2	$X_{3,4^3} \subset \mathbb{P}(1^{11},2^3)$	12288	69
249	4	2	$X_{4^4} \subset \mathbb{P}(1^{10},2^4)$	8192	59
250	4	2	$X_{4^3,6} \subset \mathbb{P}(1^9,2^4,3)$	4096	49
251	4	2	$X_{4^2,6^2} \subset \mathbb{P}(1^8,2^4,3^2)$	2048	40
252	4	2	$X_{4,6^3} \subset \mathbb{P}(1^7,2^4,3^3)$	1024	32
253	4	2	$X_{6^4} \subset \mathbb{P}(1^6,2^4,3^4)$	512	25

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
254	4	3	$X_{2^3,5} \subset \mathbb{P}(1^{14})$	787320	518
255	4	3	$X_{2^3,8} \subset \mathbb{P}(1^{13},4)$	314928	416
256	4	3	$X_{2^2,3,4} \subset \mathbb{P}(1^{14})$	944784	531
257	4	3	$X_{2,3^3} \subset \mathbb{P}(1^{14})$	1062882	543
258	4	4	$X_{2^3,4} \subset \mathbb{P}(1^{14})$	8388608	2067
259	4	4	$X_{2^3,6} \subset \mathbb{P}(1^{13},3)$	4194304	1563
260	4	4	$X_{2^2,3^2} \subset \mathbb{P}(1^{14})$	9437184	2143
261	4	5	$X_{2^3,3} \subset \mathbb{P}(1^{14})$	46875000	6828
262	4	6	$X_{2^4} \subset \mathbb{P}(1^{14})$	161243136	18238
263	5	1	$X_{2^4,6} \subset \mathbb{P}(1^{15})$	96	15
264	5	1	$X_{2^4,10} \subset \mathbb{P}(1^{14},5)$	32	14
265	5	1	$X_{2^3,3,5} \subset \mathbb{P}(1^{15})$	120	15
266	5	1	$X_{2^3,3,8} \subset \mathbb{P}(1^{14},4)$	48	14
267	5	1	$X_{2^3,4^2} \subset \mathbb{P}(1^{15})$	128	15
268	5	1	$X_{2^3,4,6} \subset \mathbb{P}(1^{14},3)$	64	14
269	5	1	$X_{2^3,6^2} \subset \mathbb{P}(1^{13},3^2)$	32	13
270	5	1	$X_{2^2,3^2,4} \subset \mathbb{P}(1^{15})$	144	15
271	5	1	$X_{2,3^4} \subset \mathbb{P}(1^{15})$	162	15
272	5	2	$X_{2^4,5} \subset \mathbb{P}(1^{15})$	40960	116
273	5	2	$X_{2^4,8} \subset \mathbb{P}(1^{14},4)$	16384	101
274	5	2	$X_{2^3,3,4} \subset \mathbb{P}(1^{15})$	49152	117
275	5	2	$X_{2^2,3^3} \subset \mathbb{P}(1^{15})$	55296	118
276	5	3	$X_{2^4,4} \subset \mathbb{P}(1^{15})$	1259712	620
277	5	3	$X_{2^4,6} \subset \mathbb{P}(1^{14},3)$	629856	505
278	5	3	$X_{2^3,3^2} \subset \mathbb{P}(1^{15})$	1417176	633
279	5	4	$X_{2^4,3} \subset \mathbb{P}(1^{15})$	12582912	2571

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^9$	$h^0(-K_X)$
280	5	5	$X_{2^5} \subset \mathbb{P}(1^{15})$	62500000	8378
281	6	1	$X_{2^5,5} \subset \mathbb{P}(1^{16})$	160	16
282	6	1	$X_{2^5,8} \subset \mathbb{P}(1^{15},4)$	64	15
283	6	1	$X_{2^4,3,4} \subset \mathbb{P}(1^{16})$	192	16
284	6	1	$X_{2^3,3^3} \subset \mathbb{P}(1^{16})$	216	16
285	6	2	$X_{2^5,4} \subset \mathbb{P}(1^{16})$	65536	131
286	6	2	$X_{2^5,6} \subset \mathbb{P}(1^{15},3)$	32768	115
287	6	2	$X_{2^4,3^2} \subset \mathbb{P}(1^{16})$	73728	132
288	6	3	$X_{2^5,3} \subset \mathbb{P}(1^{16})$	1889568	735
289	6	4	$X_{2^6} \subset \mathbb{P}(1^{16})$	16777216	3075
290	7	1	$X_{2^6,4} \subset \mathbb{P}(1^{17})$	256	17
291	7	1	$X_{2^6,6} \subset \mathbb{P}(1^{16},3)$	128	16
292	7	1	$X_{2^5,3^2} \subset \mathbb{P}(1^{17})$	288	17
293	7	2	$X_{2^6,3} \subset \mathbb{P}(1^{17})$	98304	147
294	7	3	$X_{2^7} \subset \mathbb{P}(1^{17})$	2519424	850
295	8	1	$X_{2^7,3} \subset \mathbb{P}(1^{18})$	384	18
296	8	2	$X_{2^8} \subset \mathbb{P}(1^{18})$	131072	163
297	9	1	$X_{2^9} \subset \mathbb{P}(1^{19})$	512	19

5. Fano 10-folds

Table 5: Fano 10-folds

S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
1	1	1	$X_{11} \subset \mathbb{P}(1^{12})$	11	12
2	1	1	$X_{12} \subset \mathbb{P}(1^{11},2)$	6	11
3	1	1	$X_{15} \subset \mathbb{P}(1^{11},5)$	3	11

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
4	1	1	$X_{20} \subset \mathbb{P}(1^{11}, 10)$	2	11
5	1	1	$X_{22} \subset \mathbb{P}(1^{10}, 2, 11)$	1	10
6	1	2	$X_{10} \subset \mathbb{P}(1^{12})$	10240	78
7	1	2	$X_{12} \subset \mathbb{P}(1^{11}, 3)$	4096	66
8	1	2	$X_{18} \subset \mathbb{P}(1^{11}, 9)$	2048	66
9	1	3	$X_{10} \subset \mathbb{P}(1^{11}, 2)$	295245	297
10	1	3	$X_{12} \subset \mathbb{P}(1^{10}, 2, 3)$	118098	231
11	1	3	$X_{12} \subset \mathbb{P}(1^{11}, 4)$	177147	286
12	1	3	$X_{15} \subset \mathbb{P}(1^{10}, 3, 5)$	59049	221
13	1	3	$X_{16} \subset \mathbb{P}(1^{11}, 8)$	118098	286
14	1	3	$X_{18} \subset \mathbb{P}(1^{10}, 2, 9)$	59049	230
15	1	3	$X_9 \subset \mathbb{P}(1^{12})$	531441	364
16	1	4	$X_{14} \subset \mathbb{P}(1^{11}, 7)$	2097152	1001
17	1	4	$X_8 \subset \mathbb{P}(1^{12})$	8388608	1365
18	1	5	$X_{12} \subset \mathbb{P}(1^{10}, 3, 4)$	9765625	2067
19	1	5	$X_{12} \subset \mathbb{P}(1^{11}, 6)$	19531250	3003
20	1	5	$X_{14} \subset \mathbb{P}(1^{10}, 2, 7)$	9765625	2232
21	1	5	$X_7 \subset \mathbb{P}(1^{12})$	68359375	4368
22	1	5	$X_8 \subset \mathbb{P}(1^{11}, 2)$	39062500	3300
23	1	5	$X_9 \subset \mathbb{P}(1^{11}, 3)$	29296875	3069
24	1	6	$X_{10} \subset \mathbb{P}(1^{11}, 5)$	120932352	8019
25	1	6	$X_6 \subset \mathbb{P}(1^{12})$	362797056	12375
26	1	7	$X_{10} \subset \mathbb{P}(1^{10}, 2, 5)$	282475249	13728
27	1	7	$X_5 \subset \mathbb{P}(1^{12})$	1412376245	31746
28	1	7	$X_6 \subset \mathbb{P}(1^{11}, 2)$	847425747	22737
29	1	7	$X_8 \subset \mathbb{P}(1^{11}, 4)$	564950498	19734

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
30	1	8	$X_4 \subset \mathbb{P}(1^{12})$	4294967296	74217
31	1	8	$X_6 \subset \mathbb{P}(1^{11}, 3)$	2147483648	46761
32	1	9	$X_3 \subset \mathbb{P}(1^{12})$	10460353203	155584
33	1	9	$X_4 \subset \mathbb{P}(1^{11}, 2)$	6973568802	111826
34	1	9	$X_6 \subset \mathbb{P}(1^{10}, 2, 3)$	3486784401	68068
35	1	10	$X_2 \subset \mathbb{P}(1^{12})$	20000000000	277134
36	2	1	$X_{10,12} \subset \mathbb{P}(1^{10}, 2, 5, 6)$	2	10
37	2	1	$X_{10,12} \subset \mathbb{P}(1^9, 2, 3, 4, 5)$	1	9
38	2	1	$X_{10,14} \subset \mathbb{P}(1^9, 2^2, 5, 7)$	1	9
39	2	1	$X_{10^2} \subset \mathbb{P}(1^{11}, 5^2)$	4	11
40	2	1	$X_{12,14} \subset \mathbb{P}(1^{10}, 4, 6, 7)$	1	10
41	2	1	$X_{2,10} \subset \mathbb{P}(1^{13})$	20	13
42	2	1	$X_{2,12} \subset \mathbb{P}(1^{12}, 3)$	8	12
43	2	1	$X_{2,18} \subset \mathbb{P}(1^{12}, 9)$	4	12
44	2	1	$X_{3,10} \subset \mathbb{P}(1^{12}, 2)$	15	12
45	2	1	$X_{3,12} \subset \mathbb{P}(1^{12}, 4)$	9	12
46	2	1	$X_{3,16} \subset \mathbb{P}(1^{12}, 8)$	6	12
47	2	1	$X_{3,18} \subset \mathbb{P}(1^{11}, 2, 9)$	3	11
48	2	1	$X_{3,9} \subset \mathbb{P}(1^{13})$	27	13
49	2	1	$X_{4,10} \subset \mathbb{P}(1^{11}, 2^2)$	10	11
50	2	1	$X_{4,12} \subset \mathbb{P}(1^{10}, 2^2, 3)$	4	10
51	2	1	$X_{4,14} \subset \mathbb{P}(1^{12}, 7)$	8	12
52	2	1	$X_{4,15} \subset \mathbb{P}(1^{10}, 2, 3, 5)$	2	10
53	2	1	$X_{4,16} \subset \mathbb{P}(1^{11}, 2, 8)$	4	11
54	2	1	$X_{4,18} \subset \mathbb{P}(1^{10}, 2^2, 9)$	2	10
55	2	1	$X_{4,8} \subset \mathbb{P}(1^{13})$	32	13

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
56	2	1	$X_{4,9} \subset \mathbb{P}(1^{12}, 2)$	18	12
57	2	1	$X_{5,12} \subset \mathbb{P}(1^{11}, 3, 4)$	5	11
58	2	1	$X_{5,12} \subset \mathbb{P}(1^{12}, 6)$	10	12
59	2	1	$X_{5,14} \subset \mathbb{P}(1^{11}, 2, 7)$	5	11
60	2	1	$X_{5,7} \subset \mathbb{P}(1^{13})$	35	13
61	2	1	$X_{5,8} \subset \mathbb{P}(1^{12}, 2)$	20	12
62	2	1	$X_{5,9} \subset \mathbb{P}(1^{12}, 3)$	15	12
63	2	1	$X_{6,10} \subset \mathbb{P}(1^{10}, 2^2, 3)$	5	10
64	2	1	$X_{6,10} \subset \mathbb{P}(1^{12}, 5)$	12	12
65	2	1	$X_{6,12} \subset \mathbb{P}(1^{10}, 2, 3, 4)$	3	10
66	2	1	$X_{6,12} \subset \mathbb{P}(1^9, 2^2, 3^2)$	2	9
67	2	1	$X_{6,14} \subset \mathbb{P}(1^{10}, 2^2, 7)$	3	10
68	2	1	$X_{6,14} \subset \mathbb{P}(1^{11}, 3, 7)$	4	11
69	2	1	$X_{6,15} \subset \mathbb{P}(1^9, 2, 3^2, 5)$	1	9
70	2	1	$X_{6,16} \subset \mathbb{P}(1^{10}, 2, 3, 8)$	2	10
71	2	1	$X_{6,18} \subset \mathbb{P}(1^9, 2^2, 3, 9)$	1	9
72	2	1	$X_{6,20} \subset \mathbb{P}(1^{10}, 3, 4, 10)$	1	10
73	2	1	$X_{6,7} \subset \mathbb{P}(1^{12}, 2)$	21	12
74	2	1	$X_{6,8} \subset \mathbb{P}(1^{11}, 2^2)$	12	11
75	2	1	$X_{6,8} \subset \mathbb{P}(1^{12}, 3)$	16	12
76	2	1	$X_{6,9} \subset \mathbb{P}(1^{11}, 2, 3)$	9	11
77	2	1	$X_{6^2} \subset \mathbb{P}(1^{13})$	36	13
78	2	1	$X_{7,10} \subset \mathbb{P}(1^{11}, 2, 5)$	7	11
79	2	1	$X_{7,8} \subset \mathbb{P}(1^{12}, 4)$	14	12
80	2	1	$X_{8,10} \subset \mathbb{P}(1^{10}, 2^2, 5)$	4	10
81	2	1	$X_{8,12} \subset \mathbb{P}(1^{10}, 3, 4^2)$	2	10

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
82	2	1	$X_{8,12} \subset \mathbb{P}(1^{11}, 4, 6)$	4	11
83	2	1	$X_{8,14} \subset \mathbb{P}(1^{10}, 2, 4, 7)$	2	10
84	2	1	$X_{8,9} \subset \mathbb{P}(1^{11}, 3, 4)$	6	11
85	2	1	$X_{8^2} \subset \mathbb{P}(1^{11}, 2, 4)$	8	11
86	2	1	$X_{9,10} \subset \mathbb{P}(1^{10}, 2, 3, 5)$	3	10
87	2	2	$X_{10^2} \subset \mathbb{P}(1^{10}, 2, 5^2)$	2048	56
88	2	2	$X_{2,12} \subset \mathbb{P}(1^{12}, 4)$	6144	77
89	2	2	$X_{2,15} \subset \mathbb{P}(1^{11}, 3, 5)$	2048	65
90	2	2	$X_{2,16} \subset \mathbb{P}(1^{12}, 8)$	4096	77
91	2	2	$X_{2,9} \subset \mathbb{P}(1^{13})$	18432	90
92	2	2	$X_{3,14} \subset \mathbb{P}(1^{12}, 7)$	6144	78
93	2	2	$X_{3,8} \subset \mathbb{P}(1^{13})$	24576	91
94	2	2	$X_{4,12} \subset \mathbb{P}(1^{12}, 6)$	8192	78
95	2	2	$X_{4,14} \subset \mathbb{P}(1^{11}, 2, 7)$	4096	67
96	2	2	$X_{4,7} \subset \mathbb{P}(1^{13})$	28672	91
97	2	2	$X_{4,8} \subset \mathbb{P}(1^{12}, 2)$	16384	79
98	2	2	$X_{4,9} \subset \mathbb{P}(1^{12}, 3)$	12288	78
99	2	2	$X_{5,6} \subset \mathbb{P}(1^{13})$	30720	91
100	2	2	$X_{6,10} \subset \mathbb{P}(1^{11}, 2, 5)$	6144	67
101	2	2	$X_{6,12} \subset \mathbb{P}(1^{10}, 3^2, 4)$	2048	55
102	2	2	$X_{6,14} \subset \mathbb{P}(1^{10}, 2, 3, 7)$	2048	56
103	2	2	$X_{6,7} \subset \mathbb{P}(1^{12}, 3)$	14336	78
104	2	2	$X_{6,8} \subset \mathbb{P}(1^{11}, 2, 3)$	8192	67
105	2	2	$X_{6,8} \subset \mathbb{P}(1^{12}, 4)$	12288	78
106	2	2	$X_{6,9} \subset \mathbb{P}(1^{11}, 3^2)$	6144	66
107	2	2	$X_{6^2} \subset \mathbb{P}(1^{12}, 2)$	18432	79

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
108	2	2	$X_{8,10} \subset \mathbb{P}(1^{11}, 4, 5)$	4096	66
109	2	3	$X_{10,12} \subset \mathbb{P}(1^{10}, 4, 5, 6)$	59049	220
110	2	3	$X_{10^2} \subset \mathbb{P}(1^9, 2^2, 5^2)$	59049	183
111	2	3	$X_{2,14} \subset \mathbb{P}(1^{12}, 7)$	236196	352
112	2	3	$X_{2,8} \subset \mathbb{P}(1^{13})$	944784	442
113	2	3	$X_{3,12} \subset \mathbb{P}(1^{12}, 6)$	354294	363
114	2	3	$X_{3,14} \subset \mathbb{P}(1^{11}, 2, 7)$	177147	296
115	2	3	$X_{3,7} \subset \mathbb{P}(1^{13})$	1240029	454
116	2	3	$X_{3,8} \subset \mathbb{P}(1^{12}, 2)$	708588	375
117	2	3	$X_{4,10} \subset \mathbb{P}(1^{12}, 5)$	472392	364
118	2	3	$X_{4,12} \subset \mathbb{P}(1^{11}, 2, 6)$	236196	297
119	2	3	$X_{4,14} \subset \mathbb{P}(1^{10}, 2^2, 7)$	118098	240
120	2	3	$X_{4,6} \subset \mathbb{P}(1^{13})$	1417176	455
121	2	3	$X_{4,7} \subset \mathbb{P}(1^{12}, 2)$	826686	376
122	2	3	$X_{4,8} \subset \mathbb{P}(1^{11}, 2^2)$	472392	308
123	2	3	$X_{4,9} \subset \mathbb{P}(1^{11}, 2, 3)$	354294	298
124	2	3	$X_{5,6} \subset \mathbb{P}(1^{12}, 2)$	885735	376
125	2	3	$X_{5,8} \subset \mathbb{P}(1^{12}, 4)$	590490	364
126	2	3	$X_{5^2} \subset \mathbb{P}(1^{13})$	1476225	455
127	2	3	$X_{6,10} \subset \mathbb{P}(1^{10}, 2^2, 5)$	177147	240
128	2	3	$X_{6,10} \subset \mathbb{P}(1^{11}, 3, 5)$	236196	287
129	2	3	$X_{6,12} \subset \mathbb{P}(1^9, 2, 3^2, 4)$	59049	176
130	2	3	$X_{6,14} \subset \mathbb{P}(1^9, 2^2, 3, 7)$	59049	184
131	2	3	$X_{6,7} \subset \mathbb{P}(1^{11}, 2, 3)$	413343	298
132	2	3	$X_{6,8} \subset \mathbb{P}(1^{10}, 2^2, 3)$	236196	241
133	2	3	$X_{6,8} \subset \mathbb{P}(1^{11}, 2, 4)$	354294	297

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
134	2	3	$X_{6,9} \subset \mathbb{P}(1^{10}, 2, 3^2)$	177147	232
135	2	3	$X_{6^2} \subset \mathbb{P}(1^{11}, 2^2)$	531441	308
136	2	3	$X_{6^2} \subset \mathbb{P}(1^{12}, 3)$	708588	365
137	2	3	$X_{8,10} \subset \mathbb{P}(1^{10}, 2, 4, 5)$	118098	230
138	2	3	$X_{8^2} \subset \mathbb{P}(1^{11}, 4^2)$	236196	286
139	2	4	$X_{2,12} \subset \mathbb{P}(1^{11}, 3, 4)$	2097152	947
140	2	4	$X_{2,12} \subset \mathbb{P}(1^{12}, 6)$	4194304	1287
141	2	4	$X_{2,7} \subset \mathbb{P}(1^{13})$	14680064	1729
142	2	4	$X_{2,9} \subset \mathbb{P}(1^{12}, 3)$	6291456	1299
143	2	4	$X_{3,10} \subset \mathbb{P}(1^{12}, 5)$	6291456	1353
144	2	4	$X_{3,6} \subset \mathbb{P}(1^{13})$	18874368	1807
145	2	4	$X_{4,10} \subset \mathbb{P}(1^{11}, 2, 5)$	4194304	1067
146	2	4	$X_{4,5} \subset \mathbb{P}(1^{13})$	20971520	1819
147	2	4	$X_{4,6} \subset \mathbb{P}(1^{12}, 2)$	12582912	1443
148	2	4	$X_{5,6} \subset \mathbb{P}(1^{12}, 3)$	10485760	1377
149	2	4	$X_{6,10} \subset \mathbb{P}(1^{10}, 2, 3, 5)$	2097152	781
150	2	4	$X_{6,8} \subset \mathbb{P}(1^{11}, 3, 4)$	4194304	1013
151	2	4	$X_{6^2} \subset \mathbb{P}(1^{11}, 2, 3)$	6291456	1079
152	2	5	$X_{2,10} \subset \mathbb{P}(1^{12}, 5)$	39062500	4005
153	2	5	$X_{2,6} \subset \mathbb{P}(1^{13})$	117187500	5733
154	2	5	$X_{3,10} \subset \mathbb{P}(1^{11}, 2, 5)$	29296875	3234
155	2	5	$X_{3,5} \subset \mathbb{P}(1^{13})$	146484375	6096
156	2	5	$X_{3,6} \subset \mathbb{P}(1^{12}, 2)$	87890625	4665
157	2	5	$X_{3,8} \subset \mathbb{P}(1^{12}, 4)$	58593750	4302
158	2	5	$X_{4,10} \subset \mathbb{P}(1^{10}, 2^2, 5)$	19531250	2463
159	2	5	$X_{4,5} \subset \mathbb{P}(1^{12}, 2)$	97656250	4731

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
160	2	5	$X_{4,6} \subset \mathbb{P}(1^{11}, 2^2)$	58593750	3597
161	2	5	$X_{4,6} \subset \mathbb{P}(1^{12}, 3)$	78125000	4434
162	2	5	$X_{4^2} \subset \mathbb{P}(1^{13})$	156250000	6162
163	2	5	$X_{5,6} \subset \mathbb{P}(1^{11}, 2, 3)$	48828125	3366
164	2	5	$X_{6,10} \subset \mathbb{P}(1^9, 2^2, 3, 5)$	9765625	1692
165	2	5	$X_{6,8} \subset \mathbb{P}(1^{10}, 2, 3, 4)$	19531250	2298
166	2	5	$X_{6^2} \subset \mathbb{P}(1^{10}, 2^2, 3)$	29296875	2529
167	2	5	$X_{6^2} \subset \mathbb{P}(1^{11}, 3^2)$	39062500	3135
168	2	6	$X_{2,5} \subset \mathbb{P}(1^{13})$	604661760	16731
169	2	6	$X_{2,8} \subset \mathbb{P}(1^{12}, 4)$	241864704	11088
170	2	6	$X_{3,4} \subset \mathbb{P}(1^{13})$	725594112	18018
171	2	6	$X_{4,6} \subset \mathbb{P}(1^{11}, 2, 3)$	241864704	9306
172	2	6	$X_{4^2} \subset \mathbb{P}(1^{12}, 2)$	483729408	13662
173	2	6	$X_{6^2} \subset \mathbb{P}(1^{10}, 2, 3^2)$	120932352	6237
174	2	7	$X_{2,4} \subset \mathbb{P}(1^{13})$	2259801992	43758
175	2	7	$X_{2,6} \subset \mathbb{P}(1^{12}, 3)$	1129900996	28743
176	2	7	$X_{3,4} \subset \mathbb{P}(1^{12}, 2)$	1694851494	34749
177	2	7	$X_{3^2} \subset \mathbb{P}(1^{13})$	2542277241	46761
178	2	7	$X_{4,6} \subset \mathbb{P}(1^{10}, 2^2, 3)$	564950498	16731
179	2	7	$X_{4^2} \subset \mathbb{P}(1^{11}, 2^2)$	1129900996	25740
180	2	7	$X_{6^2} \subset \mathbb{P}(1^9, 2^2, 3^2)$	282475249	10725
181	2	8	$X_{2,3} \subset \mathbb{P}(1^{13})$	6442450944	101673
182	2	9	$X_{2^2} \subset \mathbb{P}(1^{13})$	13947137604	199342
183	3	1	$X_{2,3,14} \subset \mathbb{P}(1^{13}, 7)$	12	13
184	3	1	$X_{2,3,8} \subset \mathbb{P}(1^{14})$	48	14
185	3	1	$X_{2,4,12} \subset \mathbb{P}(1^{13}, 6)$	16	13

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
186	3	1	$X_{2,4,7} \subset \mathbb{P}(1^{14})$	56	14
187	3	1	$X_{2,4,9} \subset \mathbb{P}(1^{13}, 3)$	24	13
188	3	1	$X_{2,5,6} \subset \mathbb{P}(1^{14})$	60	14
189	3	1	$X_{2,6,12} \subset \mathbb{P}(1^{11}, 3^2, 4)$	4	11
190	3	1	$X_{2,6,7} \subset \mathbb{P}(1^{13}, 3)$	28	13
191	3	1	$X_{2,6,8} \subset \mathbb{P}(1^{13}, 4)$	24	13
192	3	1	$X_{2,6,9} \subset \mathbb{P}(1^{12}, 3^2)$	12	12
193	3	1	$X_{2,8,10} \subset \mathbb{P}(1^{12}, 4, 5)$	8	12
194	3	1	$X_{2^2,12} \subset \mathbb{P}(1^{13}, 4)$	12	13
195	3	1	$X_{2^2,15} \subset \mathbb{P}(1^{12}, 3, 5)$	4	12
196	3	1	$X_{2^2,16} \subset \mathbb{P}(1^{13}, 8)$	8	13
197	3	1	$X_{2^2,9} \subset \mathbb{P}(1^{14})$	36	14
198	3	1	$X_{3,10,12} \subset \mathbb{P}(1^{11}, 4, 5, 6)$	3	11
199	3	1	$X_{3,10^2} \subset \mathbb{P}(1^{10}, 2^2, 5^2)$	3	10
200	3	1	$X_{3,4,10} \subset \mathbb{P}(1^{13}, 5)$	24	13
201	3	1	$X_{3,4,12} \subset \mathbb{P}(1^{12}, 2, 6)$	12	12
202	3	1	$X_{3,4,14} \subset \mathbb{P}(1^{11}, 2^2, 7)$	6	11
203	3	1	$X_{3,4,6} \subset \mathbb{P}(1^{14})$	72	14
204	3	1	$X_{3,4,7} \subset \mathbb{P}(1^{13}, 2)$	42	13
205	3	1	$X_{3,4,8} \subset \mathbb{P}(1^{12}, 2^2)$	24	12
206	3	1	$X_{3,5,6} \subset \mathbb{P}(1^{13}, 2)$	45	13
207	3	1	$X_{3,5,8} \subset \mathbb{P}(1^{13}, 4)$	30	13
208	3	1	$X_{3,5^2} \subset \mathbb{P}(1^{14})$	75	14
209	3	1	$X_{3,6,10} \subset \mathbb{P}(1^{11}, 2^2, 5)$	9	11
210	3	1	$X_{3,6,8} \subset \mathbb{P}(1^{12}, 2, 4)$	18	12
211	3	1	$X_{3,6^2} \subset \mathbb{P}(1^{12}, 2^2)$	27	12

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
212	3	1	$X_{3,8,10} \subset \mathbb{P}(1^{11}, 2, 4, 5)$	6	11
213	3	1	$X_{3,8^2} \subset \mathbb{P}(1^{12}, 4^2)$	12	12
214	3	1	$X_{3^2,12} \subset \mathbb{P}(1^{13}, 6)$	18	13
215	3	1	$X_{3^2,14} \subset \mathbb{P}(1^{12}, 2, 7)$	9	12
216	3	1	$X_{3^2,7} \subset \mathbb{P}(1^{14})$	63	14
217	3	1	$X_{3^2,8} \subset \mathbb{P}(1^{13}, 2)$	36	13
218	3	1	$X_{4,10^2} \subset \mathbb{P}(1^9, 2^3, 5^2)$	2	9
219	3	1	$X_{4,5,6} \subset \mathbb{P}(1^{12}, 2^2)$	30	12
220	3	1	$X_{4,5,6} \subset \mathbb{P}(1^{13}, 3)$	40	13
221	3	1	$X_{4,5^2} \subset \mathbb{P}(1^{13}, 2)$	50	13
222	3	1	$X_{4,6,10} \subset \mathbb{P}(1^{10}, 2^3, 5)$	6	10
223	3	1	$X_{4,6,10} \subset \mathbb{P}(1^{11}, 2, 3, 5)$	8	11
224	3	1	$X_{4,6,14} \subset \mathbb{P}(1^9, 2^3, 3, 7)$	2	9
225	3	1	$X_{4,6,7} \subset \mathbb{P}(1^{11}, 2^2, 3)$	14	11
226	3	1	$X_{4,6,8} \subset \mathbb{P}(1^{10}, 2^3, 3)$	8	10
227	3	1	$X_{4,6,9} \subset \mathbb{P}(1^{10}, 2^2, 3^2)$	6	10
228	3	1	$X_{4,6^2} \subset \mathbb{P}(1^{11}, 2^3)$	18	11
229	3	1	$X_{4,6^2} \subset \mathbb{P}(1^{12}, 2, 3)$	24	12
230	3	1	$X_{4^2,10} \subset \mathbb{P}(1^{12}, 2, 5)$	16	12
231	3	1	$X_{4^2,12} \subset \mathbb{P}(1^{11}, 2^2, 6)$	8	11
232	3	1	$X_{4^2,14} \subset \mathbb{P}(1^{10}, 2^3, 7)$	4	10
233	3	1	$X_{4^2,5} \subset \mathbb{P}(1^{14})$	80	14
234	3	1	$X_{4^2,6} \subset \mathbb{P}(1^{13}, 2)$	48	13
235	3	1	$X_{4^2,7} \subset \mathbb{P}(1^{12}, 2^2)$	28	12
236	3	1	$X_{4^2,8} \subset \mathbb{P}(1^{11}, 2^3)$	16	11
237	3	1	$X_{4^2,9} \subset \mathbb{P}(1^{11}, 2^2, 3)$	12	11

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
238	3	1	$X_{5,6,8} \subset \mathbb{P}(1^{11}, 2, 3, 4)$	10	11
239	3	1	$X_{5,6^2} \subset \mathbb{P}(1^{11}, 2^2, 3)$	15	11
240	3	1	$X_{5,6^2} \subset \mathbb{P}(1^{12}, 3^2)$	20	12
241	3	1	$X_{5^2,6} \subset \mathbb{P}(1^{12}, 2, 3)$	25	12
242	3	1	$X_{6,10^2} \subset \mathbb{P}(1^8, 2^3, 3, 5^2)$	1	8
243	3	1	$X_{6,8,10} \subset \mathbb{P}(1^9, 2^2, 3, 4, 5)$	2	9
244	3	1	$X_{6,8^2} \subset \mathbb{P}(1^{10}, 2, 3, 4^2)$	4	10
245	3	1	$X_{6^2,10} \subset \mathbb{P}(1^{10}, 2, 3^2, 5)$	4	10
246	3	1	$X_{6^2,10} \subset \mathbb{P}(1^9, 2^3, 3, 5)$	3	9
247	3	1	$X_{6^2,12} \subset \mathbb{P}(1^8, 2^2, 3^3, 4)$	1	8
248	3	1	$X_{6^2,14} \subset \mathbb{P}(1^8, 2^3, 3^2, 7)$	1	8
249	3	1	$X_{6^2,7} \subset \mathbb{P}(1^{10}, 2^2, 3^2)$	7	10
250	3	1	$X_{6^2,8} \subset \mathbb{P}(1^{10}, 2^2, 3, 4)$	6	10
251	3	1	$X_{6^2,8} \subset \mathbb{P}(1^{11}, 3^2, 4)$	8	11
252	3	1	$X_{6^2,8} \subset \mathbb{P}(1^9, 2^3, 3^2)$	4	9
253	3	1	$X_{6^2,9} \subset \mathbb{P}(1^9, 2^2, 3^3)$	3	9
254	3	1	$X_{6^3} \subset \mathbb{P}(1^{10}, 2^3, 3)$	9	10
255	3	1	$X_{6^3} \subset \mathbb{P}(1^{11}, 2, 3^2)$	12	11
256	3	2	$X_{2,3,12} \subset \mathbb{P}(1^{13}, 6)$	12288	90
257	3	2	$X_{2,3,7} \subset \mathbb{P}(1^{14})$	43008	104
258	3	2	$X_{2,4,10} \subset \mathbb{P}(1^{13}, 5)$	16384	90
259	3	2	$X_{2,4,6} \subset \mathbb{P}(1^{14})$	49152	104
260	3	2	$X_{2,5,8} \subset \mathbb{P}(1^{13}, 4)$	20480	90
261	3	2	$X_{2,5^2} \subset \mathbb{P}(1^{14})$	51200	104
262	3	2	$X_{2,6,10} \subset \mathbb{P}(1^{12}, 3, 5)$	8192	77
263	3	2	$X_{2,6^2} \subset \mathbb{P}(1^{13}, 3)$	24576	90

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
264	3	2	$X_{2,8^2} \subset \mathbb{P}(1^{12}, 4^2)$	8192	77
265	3	2	$X_{2^2,14} \subset \mathbb{P}(1^{13}, 7)$	8192	89
266	3	2	$X_{2^2,8} \subset \mathbb{P}(1^{14})$	32768	103
267	3	2	$X_{3,4,10} \subset \mathbb{P}(1^{12}, 2, 5)$	12288	79
268	3	2	$X_{3,4,5} \subset \mathbb{P}(1^{14})$	61440	105
269	3	2	$X_{3,4,6} \subset \mathbb{P}(1^{13}, 2)$	36864	92
270	3	2	$X_{3^2,10} \subset \mathbb{P}(1^{13}, 5)$	18432	91
271	3	2	$X_{3^2,6} \subset \mathbb{P}(1^{14})$	55296	105
272	3	2	$X_{4,5,6} \subset \mathbb{P}(1^{12}, 2, 3)$	20480	79
273	3	2	$X_{4,6,10} \subset \mathbb{P}(1^{10}, 2^2, 3, 5)$	4096	57
274	3	2	$X_{4,6^2} \subset \mathbb{P}(1^{11}, 2^2, 3)$	12288	68
275	3	2	$X_{4,6^2} \subset \mathbb{P}(1^{12}, 3^2)$	16384	78
276	3	2	$X_{4^2,10} \subset \mathbb{P}(1^{11}, 2^2, 5)$	8192	68
277	3	2	$X_{4^2,5} \subset \mathbb{P}(1^{13}, 2)$	40960	92
278	3	2	$X_{4^2,6} \subset \mathbb{P}(1^{12}, 2^2)$	24576	80
279	3	2	$X_{4^2,6} \subset \mathbb{P}(1^{13}, 3)$	32768	91
280	3	2	$X_{4^3} \subset \mathbb{P}(1^{14})$	65536	105
281	3	2	$X_{5,6^2} \subset \mathbb{P}(1^{11}, 2, 3^2)$	10240	67
282	3	2	$X_{6^2,10} \subset \mathbb{P}(1^9, 2^2, 3^2, 5)$	2048	47
283	3	2	$X_{6^2,8} \subset \mathbb{P}(1^{10}, 2, 3^2, 4)$	4096	56
284	3	2	$X_{6^3} \subset \mathbb{P}(1^{10}, 2^2, 3^2)$	6144	57
285	3	2	$X_{6^3} \subset \mathbb{P}(1^{11}, 3^3)$	8192	66
286	3	3	$X_{2,3,10} \subset \mathbb{P}(1^{13}, 5)$	708588	441
287	3	3	$X_{2,3,6} \subset \mathbb{P}(1^{14})$	2125764	545
288	3	3	$X_{2,4,5} \subset \mathbb{P}(1^{14})$	2361960	546
289	3	3	$X_{2,5,6} \subset \mathbb{P}(1^{13}, 3)$	1180980	443

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
290	3	3	$X_{2,6,8} \subset \mathbb{P}(1^{12}, 3, 4)$	472392	353
291	3	3	$X_{2^2,12} \subset \mathbb{P}(1^{12}, 3, 4)$	236196	341
292	3	3	$X_{2^2,12} \subset \mathbb{P}(1^{13}, 6)$	472392	429
293	3	3	$X_{2^2,7} \subset \mathbb{P}(1^{14})$	1653372	532
294	3	3	$X_{2^2,9} \subset \mathbb{P}(1^{13}, 3)$	708588	430
295	3	3	$X_{3,4,10} \subset \mathbb{P}(1^{11}, 2^2, 5)$	354294	307
296	3	3	$X_{3,4,5} \subset \mathbb{P}(1^{13}, 2)$	1771470	467
297	3	3	$X_{3,4,6} \subset \mathbb{P}(1^{12}, 2^2)$	1062882	387
298	3	3	$X_{3,4^2} \subset \mathbb{P}(1^{14})$	2834352	559
299	3	3	$X_{3^2,10} \subset \mathbb{P}(1^{12}, 2, 5)$	531441	374
300	3	3	$X_{3^2,5} \subset \mathbb{P}(1^{14})$	2657205	558
301	3	3	$X_{3^2,6} \subset \mathbb{P}(1^{13}, 2)$	1594323	466
302	3	3	$X_{3^2,8} \subset \mathbb{P}(1^{13}, 4)$	1062882	453
303	3	3	$X_{4,5,6} \subset \mathbb{P}(1^{11}, 2^2, 3)$	590490	309
304	3	3	$X_{4,6,10} \subset \mathbb{P}(1^9, 2^3, 3, 5)$	118098	193
305	3	3	$X_{4,6^2} \subset \mathbb{P}(1^{10}, 2^3, 3)$	354294	251
306	3	3	$X_{4,6^2} \subset \mathbb{P}(1^{11}, 2, 3^2)$	472392	299
307	3	3	$X_{4^2,10} \subset \mathbb{P}(1^{10}, 2^3, 5)$	236196	250
308	3	3	$X_{4^2,5} \subset \mathbb{P}(1^{12}, 2^2)$	1180980	388
309	3	3	$X_{4^2,6} \subset \mathbb{P}(1^{11}, 2^3)$	708588	319
310	3	3	$X_{4^2,6} \subset \mathbb{P}(1^{12}, 2, 3)$	944784	377
311	3	3	$X_{4^3} \subset \mathbb{P}(1^{13}, 2)$	1889568	468
312	3	3	$X_{5,6^2} \subset \mathbb{P}(1^{10}, 2^2, 3^2)$	295245	242
313	3	3	$X_{6^2,10} \subset \mathbb{P}(1^8, 2^3, 3^2, 5)$	59049	146
314	3	3	$X_{6^2,8} \subset \mathbb{P}(1^9, 2^2, 3^2, 4)$	118098	185
315	3	3	$X_{6^3} \subset \mathbb{P}(1^{10}, 2, 3^3)$	236196	233

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
316	3	3	$X_{6^3} \subset \mathbb{P}(1^9, 2^3, 3^2)$	177147	194
317	3	4	$X_{2,3,5} \subset \mathbb{P}(1^{14})$	31457280	2261
318	3	4	$X_{2,3,8} \subset \mathbb{P}(1^{13}, 4)$	12582912	1717
319	3	4	$X_{2,4,6} \subset \mathbb{P}(1^{13}, 3)$	16777216	1741
320	3	4	$X_{2,4^2} \subset \mathbb{P}(1^{14})$	33554432	2273
321	3	4	$X_{2,6^2} \subset \mathbb{P}(1^{12}, 3^2)$	8388608	1311
322	3	4	$X_{2^2,10} \subset \mathbb{P}(1^{13}, 5)$	8388608	1639
323	3	4	$X_{2^2,6} \subset \mathbb{P}(1^{14})$	25165824	2171
324	3	4	$X_{3,4^2} \subset \mathbb{P}(1^{13}, 2)$	25165824	1897
325	3	4	$X_{3^2,4} \subset \mathbb{P}(1^{14})$	37748736	2351
326	3	4	$X_{4,6^2} \subset \mathbb{P}(1^{10}, 2^2, 3^2)$	4194304	847
327	3	4	$X_{4^2,6} \subset \mathbb{P}(1^{11}, 2^2, 3)$	8388608	1145
328	3	4	$X_{4^3} \subset \mathbb{P}(1^{12}, 2^2)$	16777216	1521
329	3	4	$X_{6^3} \subset \mathbb{P}(1^9, 2^2, 3^3)$	2097152	615
330	3	5	$X_{2,3,4} \subset \mathbb{P}(1^{14})$	234375000	7890
331	3	5	$X_{2^2,5} \subset \mathbb{P}(1^{14})$	195312500	7461
332	3	5	$X_{2^2,8} \subset \mathbb{P}(1^{13}, 4)$	78125000	5304
333	3	5	$X_{3,4^2} \subset \mathbb{P}(1^{12}, 2^2)$	117187500	5028
334	3	5	$X_{3^2,4} \subset \mathbb{P}(1^{13}, 2)$	175781250	6459
335	3	5	$X_{3^3} \subset \mathbb{P}(1^{14})$	263671875	8253
336	3	5	$X_{4,6^2} \subset \mathbb{P}(1^9, 2^3, 3^2)$	19531250	1923
337	3	5	$X_{4^2,6} \subset \mathbb{P}(1^{10}, 2^3, 3)$	39062500	2760
338	3	5	$X_{4^3} \subset \mathbb{P}(1^{11}, 2^3)$	78125000	3894
339	3	5	$X_{6^3} \subset \mathbb{P}(1^8, 2^3, 3^3)$	9765625	1317
340	3	6	$X_{2,3^2} \subset \mathbb{P}(1^{14})$	1088391168	23661
341	3	6	$X_{2^2,4} \subset \mathbb{P}(1^{14})$	967458816	22374

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
342	3	6	$X_{2^2,6} \subset \mathbb{P}(1^{13},3)$	483729408	15444
343	3	7	$X_{2^2,3} \subset \mathbb{P}(1^{14})$	3389702988	58773
344	3	8	$X_{2^3} \subset \mathbb{P}(1^{14})$	8589934592	129129
345	4	1	$X_{2,3,4,5} \subset \mathbb{P}(1^{15})$	120	15
346	4	1	$X_{2,3^2,10} \subset \mathbb{P}(1^{14},5)$	36	14
347	4	1	$X_{2,3^2,6} \subset \mathbb{P}(1^{15})$	108	15
348	4	1	$X_{2,4,6^2} \subset \mathbb{P}(1^{13},3^2)$	32	13
349	4	1	$X_{2,4^2,6} \subset \mathbb{P}(1^{14},3)$	64	14
350	4	1	$X_{2,4^3} \subset \mathbb{P}(1^{15})$	128	15
351	4	1	$X_{2,6^3} \subset \mathbb{P}(1^{12},3^3)$	16	12
352	4	1	$X_{2^2,10,12} \subset \mathbb{P}(1^{12},4,5,6)$	4	12
353	4	1	$X_{2^2,3,12} \subset \mathbb{P}(1^{14},6)$	24	14
354	4	1	$X_{2^2,3,7} \subset \mathbb{P}(1^{15})$	84	15
355	4	1	$X_{2^2,4,10} \subset \mathbb{P}(1^{14},5)$	32	14
356	4	1	$X_{2^2,4,6} \subset \mathbb{P}(1^{15})$	96	15
357	4	1	$X_{2^2,5,8} \subset \mathbb{P}(1^{14},4)$	40	14
358	4	1	$X_{2^2,5^2} \subset \mathbb{P}(1^{15})$	100	15
359	4	1	$X_{2^2,6,10} \subset \mathbb{P}(1^{13},3,5)$	16	13
360	4	1	$X_{2^2,6^2} \subset \mathbb{P}(1^{14},3)$	48	14
361	4	1	$X_{2^2,8^2} \subset \mathbb{P}(1^{13},4^2)$	16	13
362	4	1	$X_{2^3,14} \subset \mathbb{P}(1^{14},7)$	16	14
363	4	1	$X_{2^3,8} \subset \mathbb{P}(1^{15})$	64	15
364	4	1	$X_{3,4^2,10} \subset \mathbb{P}(1^{11},2^3,5)$	12	11
365	4	1	$X_{3,4^2,5} \subset \mathbb{P}(1^{13},2^2)$	60	13
366	4	1	$X_{3,4^2,6} \subset \mathbb{P}(1^{12},2^3)$	36	12
367	4	1	$X_{3,4^3} \subset \mathbb{P}(1^{14},2)$	96	14

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
368	4	1	$X_{3^2,4,10} \subset \mathbb{P}(1^{12}, 2^2, 5)$	18	12
369	4	1	$X_{3^2,4,5} \subset \mathbb{P}(1^{14}, 2)$	90	14
370	4	1	$X_{3^2,4,6} \subset \mathbb{P}(1^{13}, 2^2)$	54	13
371	4	1	$X_{3^2,4^2} \subset \mathbb{P}(1^{15})$	144	15
372	4	1	$X_{3^3,10} \subset \mathbb{P}(1^{13}, 2, 5)$	27	13
373	4	1	$X_{3^3,5} \subset \mathbb{P}(1^{15})$	135	15
374	4	1	$X_{3^3,6} \subset \mathbb{P}(1^{14}, 2)$	81	14
375	4	1	$X_{3^3,8} \subset \mathbb{P}(1^{14}, 4)$	54	14
376	4	1	$X_{4,5,6^2} \subset \mathbb{P}(1^{10}, 2^3, 3^2)$	10	10
377	4	1	$X_{4,6^2,10} \subset \mathbb{P}(1^8, 2^4, 3^2, 5)$	2	8
378	4	1	$X_{4,6^3} \subset \mathbb{P}(1^{10}, 2^2, 3^3)$	8	10
379	4	1	$X_{4,6^3} \subset \mathbb{P}(1^9, 2^4, 3^2)$	6	9
380	4	1	$X_{4^2,5,6} \subset \mathbb{P}(1^{11}, 2^3, 3)$	20	11
381	4	1	$X_{4^2,6,10} \subset \mathbb{P}(1^9, 2^4, 3, 5)$	4	9
382	4	1	$X_{4^2,6^2} \subset \mathbb{P}(1^{10}, 2^4, 3)$	12	10
383	4	1	$X_{4^2,6^2} \subset \mathbb{P}(1^{11}, 2^2, 3^2)$	16	11
384	4	1	$X_{4^3,10} \subset \mathbb{P}(1^{10}, 2^4, 5)$	8	10
385	4	1	$X_{4^3,5} \subset \mathbb{P}(1^{12}, 2^3)$	40	12
386	4	1	$X_{4^3,6} \subset \mathbb{P}(1^{11}, 2^4)$	24	11
387	4	1	$X_{4^3,6} \subset \mathbb{P}(1^{12}, 2^2, 3)$	32	12
388	4	1	$X_{4^4} \subset \mathbb{P}(1^{13}, 2^2)$	64	13
389	4	1	$X_{5,6^3} \subset \mathbb{P}(1^9, 2^3, 3^3)$	5	9
390	4	1	$X_{6^3,10} \subset \mathbb{P}(1^7, 2^4, 3^3, 5)$	1	7
391	4	1	$X_{6^3,8} \subset \mathbb{P}(1^8, 2^3, 3^3, 4)$	2	8
392	4	1	$X_{6^4} \subset \mathbb{P}(1^8, 2^4, 3^3)$	3	8
393	4	1	$X_{6^4} \subset \mathbb{P}(1^9, 2^2, 3^4)$	4	9

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
394	4	2	$X_{2,3,4^2} \subset \mathbb{P}(1^{15})$	98304	119
395	4	2	$X_{2,3^2,5} \subset \mathbb{P}(1^{15})$	92160	119
396	4	2	$X_{2,3^2,8} \subset \mathbb{P}(1^{14},4)$	36864	104
397	4	2	$X_{2^2,3,10} \subset \mathbb{P}(1^{14},5)$	24576	103
398	4	2	$X_{2^2,3,6} \subset \mathbb{P}(1^{15})$	73728	118
399	4	2	$X_{2^2,4,5} \subset \mathbb{P}(1^{15})$	81920	118
400	4	2	$X_{2^2,5,6} \subset \mathbb{P}(1^{14},3)$	40960	103
401	4	2	$X_{2^2,6,8} \subset \mathbb{P}(1^{13},3,4)$	16384	89
402	4	2	$X_{2^3,12} \subset \mathbb{P}(1^{13},3,4)$	8192	88
403	4	2	$X_{2^3,12} \subset \mathbb{P}(1^{14},6)$	16384	102
404	4	2	$X_{2^3,7} \subset \mathbb{P}(1^{15})$	57344	117
405	4	2	$X_{2^3,9} \subset \mathbb{P}(1^{14},3)$	24576	102
406	4	2	$X_{3,4^3} \subset \mathbb{P}(1^{13},2^2)$	49152	93
407	4	2	$X_{3^2,4^2} \subset \mathbb{P}(1^{14},2)$	73728	106
408	4	2	$X_{3^3,4} \subset \mathbb{P}(1^{15})$	110592	120
409	4	2	$X_{4,6^3} \subset \mathbb{P}(1^9,2^3,3^3)$	4096	48
410	4	2	$X_{4^2,6^2} \subset \mathbb{P}(1^{10},2^3,3^2)$	8192	58
411	4	2	$X_{4^3,6} \subset \mathbb{P}(1^{11},2^3,3)$	16384	69
412	4	2	$X_{4^4} \subset \mathbb{P}(1^{12},2^3)$	32768	81
413	4	2	$X_{6^4} \subset \mathbb{P}(1^8,2^3,3^4)$	2048	39
414	4	3	$X_{2,3^2,4} \subset \mathbb{P}(1^{15})$	4251528	663
415	4	3	$X_{2^2,3,5} \subset \mathbb{P}(1^{15})$	3542940	649
416	4	3	$X_{2^2,3,8} \subset \mathbb{P}(1^{14},4)$	1417176	531
417	4	3	$X_{2^2,4,6} \subset \mathbb{P}(1^{14},3)$	1889568	533
418	4	3	$X_{2^2,4^2} \subset \mathbb{P}(1^{15})$	3779136	650
419	4	3	$X_{2^2,6^2} \subset \mathbb{P}(1^{13},3^2)$	944784	431

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
420	4	3	$X_{2^3,10} \subset \mathbb{P}(1^{14},5)$	944784	518
421	4	3	$X_{2^3,6} \subset \mathbb{P}(1^{15})$	2834352	635
422	4	3	$X_{3,4^3} \subset \mathbb{P}(1^{12},2^3)$	1417176	399
423	4	3	$X_{3^2,4^2} \subset \mathbb{P}(1^{13},2^2)$	2125764	479
424	4	3	$X_{3^3,4} \subset \mathbb{P}(1^{14},2)$	3188646	571
425	4	3	$X_{3^4} \subset \mathbb{P}(1^{15})$	4782969	676
426	4	3	$X_{4,6^3} \subset \mathbb{P}(1^8,2^4,3^3)$	118098	155
427	4	3	$X_{4^2,6^2} \subset \mathbb{P}(1^9,2^4,3^2)$	236196	203
428	4	3	$X_{4^3,6} \subset \mathbb{P}(1^{10},2^4,3)$	472392	261
429	4	3	$X_{4^4} \subset \mathbb{P}(1^{11},2^4)$	944784	330
430	4	3	$X_{6^4} \subset \mathbb{P}(1^7,2^4,3^4)$	59049	116
431	4	4	$X_{2,3^3} \subset \mathbb{P}(1^{15})$	56623104	2895
432	4	4	$X_{2^2,3,4} \subset \mathbb{P}(1^{15})$	50331648	2805
433	4	4	$X_{2^3,5} \subset \mathbb{P}(1^{15})$	41943040	2703
434	4	4	$X_{2^3,8} \subset \mathbb{P}(1^{14},4)$	16777216	2069
435	4	5	$X_{2^2,3^2} \subset \mathbb{P}(1^{15})$	351562500	10047
436	4	5	$X_{2^3,4} \subset \mathbb{P}(1^{15})$	312500000	9618
437	4	5	$X_{2^3,6} \subset \mathbb{P}(1^{14},3)$	156250000	7032
438	4	6	$X_{2^3,3} \subset \mathbb{P}(1^{15})$	1451188224	29304
439	4	7	$X_{2^4} \subset \mathbb{P}(1^{15})$	4519603984	73788
440	5	1	$X_{2,3^3,4} \subset \mathbb{P}(1^{16})$	216	16
441	5	1	$X_{2^2,3,4^2} \subset \mathbb{P}(1^{16})$	192	16
442	5	1	$X_{2^2,3^2,5} \subset \mathbb{P}(1^{16})$	180	16
443	5	1	$X_{2^2,3^2,8} \subset \mathbb{P}(1^{15},4)$	72	15
444	5	1	$X_{2^3,3,10} \subset \mathbb{P}(1^{15},5)$	48	15
445	5	1	$X_{2^3,3,6} \subset \mathbb{P}(1^{16})$	144	16

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
446	5	1	$X_{2^3,4,5} \subset \mathbb{P}(1^{16})$	160	16
447	5	1	$X_{2^3,5,6} \subset \mathbb{P}(1^{15},3)$	80	15
448	5	1	$X_{2^3,6,8} \subset \mathbb{P}(1^{14},3,4)$	32	14
449	5	1	$X_{2^4,12} \subset \mathbb{P}(1^{14},3,4)$	16	14
450	5	1	$X_{2^4,12} \subset \mathbb{P}(1^{15},6)$	32	15
451	5	1	$X_{2^4,7} \subset \mathbb{P}(1^{16})$	112	16
452	5	1	$X_{2^4,9} \subset \mathbb{P}(1^{15},3)$	48	15
453	5	1	$X_{3,4^4} \subset \mathbb{P}(1^{12},2^4)$	48	12
454	5	1	$X_{3^2,4^3} \subset \mathbb{P}(1^{13},2^3)$	72	13
455	5	1	$X_{3^3,4^2} \subset \mathbb{P}(1^{14},2^2)$	108	14
456	5	1	$X_{3^4,4} \subset \mathbb{P}(1^{15},2)$	162	15
457	5	1	$X_{3^5} \subset \mathbb{P}(1^{16})$	243	16
458	5	1	$X_{4,6^4} \subset \mathbb{P}(1^7,2^5,3^4)$	2	7
459	5	1	$X_{4^2,6^3} \subset \mathbb{P}(1^8,2^5,3^3)$	4	8
460	5	1	$X_{4^3,6^2} \subset \mathbb{P}(1^9,2^5,3^2)$	8	9
461	5	1	$X_{4^4,6} \subset \mathbb{P}(1^{10},2^5,3)$	16	10
462	5	1	$X_{4^5} \subset \mathbb{P}(1^{11},2^5)$	32	11
463	5	1	$X_{6^5} \subset \mathbb{P}(1^6,2^5,3^5)$	1	6
464	5	2	$X_{2,3^4} \subset \mathbb{P}(1^{16})$	165888	135
465	5	2	$X_{2^2,3^2,4} \subset \mathbb{P}(1^{16})$	147456	134
466	5	2	$X_{2^3,3,5} \subset \mathbb{P}(1^{16})$	122880	133
467	5	2	$X_{2^3,3,8} \subset \mathbb{P}(1^{15},4)$	49152	117
468	5	2	$X_{2^3,4,6} \subset \mathbb{P}(1^{15},3)$	65536	117
469	5	2	$X_{2^3,4^2} \subset \mathbb{P}(1^{16})$	131072	133
470	5	2	$X_{2^3,6^2} \subset \mathbb{P}(1^{14},3^2)$	32768	102
471	5	2	$X_{2^4,10} \subset \mathbb{P}(1^{15},5)$	32768	116

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
472	5	2	$X_{2^4,6} \subset \mathbb{P}(1^{16})$	98304	132
473	5	3	$X_{2^2,3^3} \subset \mathbb{P}(1^{16})$	6377292	781
474	5	3	$X_{2^3,3,4} \subset \mathbb{P}(1^{16})$	5668704	767
475	5	3	$X_{2^4,5} \subset \mathbb{P}(1^{16})$	4723920	752
476	5	3	$X_{2^4,8} \subset \mathbb{P}(1^{15},4)$	1889568	620
477	5	4	$X_{2^3,3^2} \subset \mathbb{P}(1^{16})$	75497472	3439
478	5	4	$X_{2^4,4} \subset \mathbb{P}(1^{16})$	67108864	3337
479	5	4	$X_{2^4,6} \subset \mathbb{P}(1^{15},3)$	33554432	2601
480	5	5	$X_{2^4,3} \subset \mathbb{P}(1^{16})$	468750000	12204
481	5	6	$X_{2^5} \subset \mathbb{P}(1^{16})$	1934917632	36234
482	6	1	$X_{2^2,3^4} \subset \mathbb{P}(1^{17})$	324	17
483	6	1	$X_{2^3,3^2,4} \subset \mathbb{P}(1^{17})$	288	17
484	6	1	$X_{2^4,3,5} \subset \mathbb{P}(1^{17})$	240	17
485	6	1	$X_{2^4,3,8} \subset \mathbb{P}(1^{16},4)$	96	16
486	6	1	$X_{2^4,4,6} \subset \mathbb{P}(1^{16},3)$	128	16
487	6	1	$X_{2^4,4^2} \subset \mathbb{P}(1^{17})$	256	17
488	6	1	$X_{2^4,6^2} \subset \mathbb{P}(1^{15},3^2)$	64	15
489	6	1	$X_{2^5,10} \subset \mathbb{P}(1^{16},5)$	64	16
490	6	1	$X_{2^5,6} \subset \mathbb{P}(1^{17})$	192	17
491	6	2	$X_{2^3,3^3} \subset \mathbb{P}(1^{17})$	221184	150
492	6	2	$X_{2^4,3,4} \subset \mathbb{P}(1^{17})$	196608	149
493	6	2	$X_{2^5,5} \subset \mathbb{P}(1^{17})$	163840	148
494	6	2	$X_{2^5,8} \subset \mathbb{P}(1^{16},4)$	65536	131
495	6	3	$X_{2^4,3^2} \subset \mathbb{P}(1^{17})$	8503056	899
496	6	3	$X_{2^5,4} \subset \mathbb{P}(1^{17})$	7558272	884
497	6	3	$X_{2^5,6} \subset \mathbb{P}(1^{16},3)$	3779136	737

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S.No	c	I	Eq degrees & Embedding	$(-K_X)^{10}$	$h^0(-K_X)$
498	6	4	$X_{2^5,3} \subset \mathbb{P}(1^{17})$	100663296	4073
499	6	5	$X_{2^6} \subset \mathbb{P}(1^{17})$	625000000	14790
500	7	1	$X_{2^4,3^3} \subset \mathbb{P}(1^{18})$	432	18
501	7	1	$X_{2^5,3,4} \subset \mathbb{P}(1^{18})$	384	18
502	7	1	$X_{2^6,5} \subset \mathbb{P}(1^{18})$	320	18
503	7	1	$X_{2^6,8} \subset \mathbb{P}(1^{17},4)$	128	17
504	7	2	$X_{2^5,3^2} \subset \mathbb{P}(1^{18})$	294912	166
505	7	2	$X_{2^6,4} \subset \mathbb{P}(1^{18})$	262144	165
506	7	2	$X_{2^6,6} \subset \mathbb{P}(1^{17},3)$	131072	147
507	7	3	$X_{2^6,3} \subset \mathbb{P}(1^{18})$	11337408	1031
508	7	4	$X_{2^7} \subset \mathbb{P}(1^{18})$	134217728	4809
509	8	1	$X_{2^6,3^2} \subset \mathbb{P}(1^{19})$	576	19
510	8	1	$X_{2^7,4} \subset \mathbb{P}(1^{19})$	512	19
511	8	1	$X_{2^7,6} \subset \mathbb{P}(1^{18},3)$	256	18
512	8	2	$X_{2^7,3} \subset \mathbb{P}(1^{19})$	393216	183
513	8	3	$X_{2^8} \subset \mathbb{P}(1^{19})$	15116544	1178
514	9	1	$X_{2^8,3} \subset \mathbb{P}(1^{20})$	768	20
515	9	2	$X_{2^9} \subset \mathbb{P}(1^{20})$	524288	201
516	10	1	$X_{2^{10}} \subset \mathbb{P}(1^{21})$	1024	21

Table 6: Non-QS candidates (dimensions 6–10)

S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
1	6	3	1	$X_{2,3,12} \subset \mathbb{P}(1^8,4,6)$	3	8
2	6	3	2	$X_{2^2,12} \subset \mathbb{P}(1^8,4,6)$	128	34
3	6	4	1	$X_{2^3,12} \subset \mathbb{P}(1^9,4,6)$	4	9

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S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
4	7	2	2	$X_{3,18} \subset \mathbb{P}(1^8, 6, 9)$	128	36
5	7	2	4	$X_{2,12} \subset \mathbb{P}(1^8, 4, 6)$	16384	295
6	7	3	2	$X_{2,3,12} \subset \mathbb{P}(1^9, 4, 6)$	384	44
7	7	3	3	$X_{2^2,12} \subset \mathbb{P}(1^9, 4, 6)$	4374	147
8	7	4	1	$X_{2^2,3,12} \subset \mathbb{P}(1^{10}, 4, 6)$	6	10
9	7	4	2	$X_{2^3,12} \subset \mathbb{P}(1^{10}, 4, 6)$	512	52
10	7	5	1	$X_{2^4,12} \subset \mathbb{P}(1^{11}, 4, 6)$	8	11
11	8	2	1	$X_{2,20} \subset \mathbb{P}(1^9, 4, 10)$	1	9
12	8	2	1	$X_{4,24} \subset \mathbb{P}(1^9, 8, 12)$	1	9
13	8	2	3	$X_{3,18} \subset \mathbb{P}(1^9, 6, 9)$	6561	164
14	8	2	5	$X_{2,12} \subset \mathbb{P}(1^9, 4, 6)$	390625	1131
15	8	3	1	$X_{2,5,12} \subset \mathbb{P}(1^{10}, 4, 6)$	5	10
16	8	3	1	$X_{2,8,12} \subset \mathbb{P}(1^9, 4^2, 6)$	2	9
17	8	3	1	$X_{3,4,18} \subset \mathbb{P}(1^9, 2, 6, 9)$	2	9
18	8	3	1	$X_{3^2,18} \subset \mathbb{P}(1^{10}, 6, 9)$	3	10
19	8	3	2	$X_{2,3,18} \subset \mathbb{P}(1^{10}, 6, 9)$	512	54
20	8	3	3	$X_{2,3,12} \subset \mathbb{P}(1^{10}, 4, 6)$	19683	209
21	8	3	4	$X_{2^2,12} \subset \mathbb{P}(1^{10}, 4, 6)$	131072	607
22	8	4	1	$X_{2,3,5,30} \subset \mathbb{P}(1^{10}, 6, 10, 15)$	1	10
23	8	4	1	$X_{2,3^2,12} \subset \mathbb{P}(1^{11}, 4, 6)$	9	11
24	8	4	1	$X_{2^2,12^2} \subset \mathbb{P}(1^9, 4^2, 6^2)$	1	9
25	8	4	1	$X_{2^2,3,18} \subset \mathbb{P}(1^{11}, 6, 9)$	4	11
26	8	4	2	$X_{2^2,3,12} \subset \mathbb{P}(1^{11}, 4, 6)$	1536	64
27	8	4	3	$X_{2^3,12} \subset \mathbb{P}(1^{11}, 4, 6)$	26244	253
28	8	5	1	$X_{2^3,3,12} \subset \mathbb{P}(1^{12}, 4, 6)$	12	12
29	8	5	2	$X_{2^4,12} \subset \mathbb{P}(1^{12}, 4, 6)$	2048	74

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S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
30	8	6	1	$X_{2^5,12} \subset \mathbb{P}(1^{13}, 4, 6)$	16	13
31	9	2	2	$X_{2,20} \subset \mathbb{P}(1^{10}, 4, 10)$	512	54
32	9	2	2	$X_{4,24} \subset \mathbb{P}(1^{10}, 8, 12)$	512	55
33	9	2	4	$X_{3,18} \subset \mathbb{P}(1^{10}, 6, 9)$	262144	705
34	9	2	6	$X_{2,12} \subset \mathbb{P}(1^{10}, 4, 6)$	10077696	4345
35	9	3	1	$X_{2,4,24} \subset \mathbb{P}(1^{11}, 8, 12)$	2	11
36	9	3	1	$X_{2^2,20} \subset \mathbb{P}(1^{11}, 4, 10)$	2	11
37	9	3	1	$X_{3,4,18} \subset \mathbb{P}(1^{11}, 6, 9)$	4	11
38	9	3	2	$X_{2,5,12} \subset \mathbb{P}(1^{11}, 4, 6)$	2560	65
39	9	3	2	$X_{2,8,12} \subset \mathbb{P}(1^{10}, 4^2, 6)$	1024	54
40	9	3	2	$X_{3,4,18} \subset \mathbb{P}(1^{10}, 2, 6, 9)$	1024	56
41	9	3	2	$X_{3^2,18} \subset \mathbb{P}(1^{11}, 6, 9)$	1536	66
42	9	3	3	$X_{2,3,18} \subset \mathbb{P}(1^{11}, 6, 9)$	39366	274
43	9	3	4	$X_{2,3,12} \subset \mathbb{P}(1^{11}, 4, 6)$	786432	925
44	9	3	5	$X_{2^2,12} \subset \mathbb{P}(1^{11}, 4, 6)$	3906250	2453
45	9	4	1	$X_{2,3^2,18} \subset \mathbb{P}(1^{12}, 6, 9)$	6	12
46	9	4	1	$X_{2^2,5,12} \subset \mathbb{P}(1^{12}, 4, 6)$	10	12
47	9	4	1	$X_{2^2,8,12} \subset \mathbb{P}(1^{11}, 4^2, 6)$	4	11
48	9	4	2	$X_{2,3,5,30} \subset \mathbb{P}(1^{11}, 6, 10, 15)$	512	65
49	9	4	2	$X_{2,3^2,12} \subset \mathbb{P}(1^{12}, 4, 6)$	4608	77
50	9	4	2	$X_{2^2,12^2} \subset \mathbb{P}(1^{10}, 4^2, 6^2)$	512	53
51	9	4	2	$X_{2^2,3,18} \subset \mathbb{P}(1^{12}, 6, 9)$	2048	76
52	9	4	3	$X_{2^2,3,12} \subset \mathbb{P}(1^{12}, 4, 6)$	118098	339
53	9	4	4	$X_{2^3,12} \subset \mathbb{P}(1^{12}, 4, 6)$	1048576	1135
54	9	5	1	$X_{2^2,3,5,30} \subset \mathbb{P}(1^{12}, 6, 10, 15)$	2	12
55	9	5	1	$X_{2^2,3^2,12} \subset \mathbb{P}(1^{13}, 4, 6)$	18	13

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S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
56	9	5	1	$X_{2^3,12^2} \subset \mathbb{P}(1^{11}, 4^2, 6^2)$	2	11
57	9	5	1	$X_{2^3,3,18} \subset \mathbb{P}(1^{13}, 6, 9)$	8	13
58	9	5	2	$X_{2^3,3,12} \subset \mathbb{P}(1^{13}, 4, 6)$	6144	88
59	9	5	3	$X_{2^4,12} \subset \mathbb{P}(1^{13}, 4, 6)$	157464	403
60	9	6	1	$X_{2^4,3,12} \subset \mathbb{P}(1^{14}, 4, 6)$	24	14
61	9	6	2	$X_{2^5,12} \subset \mathbb{P}(1^{14}, 4, 6)$	8192	100
62	9	7	1	$X_{2^6,12} \subset \mathbb{P}(1^{15}, 4, 6)$	32	15
63	10	2	1	$X_{5,30} \subset \mathbb{P}(1^{11}, 10, 15)$	1	11
64	10	2	3	$X_{2,20} \subset \mathbb{P}(1^{11}, 4, 10)$	59049	275
65	10	2	3	$X_{4,24} \subset \mathbb{P}(1^{11}, 8, 12)$	59049	286
66	10	2	5	$X_{3,18} \subset \mathbb{P}(1^{11}, 6, 9)$	9765625	2937
67	10	2	7	$X_{2,12} \subset \mathbb{P}(1^{11}, 4, 6)$	282475249	16731
68	10	3	1	$X_{2,12^2} \subset \mathbb{P}(1^{10}, 3, 4^2, 6)$	1	10
69	10	3	1	$X_{2,12^2} \subset \mathbb{P}(1^{11}, 4, 6^2)$	2	11
70	10	3	1	$X_{2,3,20} \subset \mathbb{P}(1^{12}, 4, 10)$	3	12
71	10	3	1	$X_{2,7,12} \subset \mathbb{P}(1^{12}, 4, 6)$	7	12
72	10	3	1	$X_{2,9,12} \subset \mathbb{P}(1^{11}, 3, 4, 6)$	3	11
73	10	3	1	$X_{3,10,18} \subset \mathbb{P}(1^{10}, 2, 5, 6, 9)$	1	10
74	10	3	1	$X_{3,4,24} \subset \mathbb{P}(1^{12}, 8, 12)$	3	12
75	10	3	1	$X_{3,5,18} \subset \mathbb{P}(1^{12}, 6, 9)$	5	12
76	10	3	1	$X_{3,8,18} \subset \mathbb{P}(1^{11}, 4, 6, 9)$	2	11
77	10	3	1	$X_{4,6,24} \subset \mathbb{P}(1^{10}, 2, 3, 8, 12)$	1	10
78	10	3	1	$X_{4^2,24} \subset \mathbb{P}(1^{11}, 2, 8, 12)$	2	11
79	10	3	2	$X_{2,10,12} \subset \mathbb{P}(1^{11}, 4, 5, 6)$	2048	65
80	10	3	2	$X_{2,4,24} \subset \mathbb{P}(1^{12}, 8, 12)$	2048	77
81	10	3	2	$X_{2^2,20} \subset \mathbb{P}(1^{12}, 4, 10)$	2048	76

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S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
82	10	3	2	$X_{3,4,18} \subset \mathbb{P}(1^{12}, 6, 9)$	4096	78
83	10	3	3	$X_{2,5,12} \subset \mathbb{P}(1^{12}, 4, 6)$	295245	352
84	10	3	3	$X_{2,8,12} \subset \mathbb{P}(1^{11}, 4^2, 6)$	118098	275
85	10	3	3	$X_{3,4,18} \subset \mathbb{P}(1^{11}, 2, 6, 9)$	118098	296
86	10	3	3	$X_{3^2,18} \subset \mathbb{P}(1^{12}, 6, 9)$	177147	362
87	10	3	4	$X_{2,3,18} \subset \mathbb{P}(1^{12}, 6, 9)$	2097152	1275
88	10	3	5	$X_{2,3,12} \subset \mathbb{P}(1^{12}, 4, 6)$	29296875	3939
89	10	3	6	$X_{2^2,12} \subset \mathbb{P}(1^{12}, 4, 6)$	120932352	9801
90	10	4	1	$X_{2,3,12,18} \subset \mathbb{P}(1^{11}, 4, 6^2, 9)$	1	11
91	10	4	1	$X_{2,3,4,18} \subset \mathbb{P}(1^{13}, 6, 9)$	8	13
92	10	4	1	$X_{2,3,5,12} \subset \mathbb{P}(1^{13}, 4, 6)$	15	13
93	10	4	1	$X_{2,3,8,12} \subset \mathbb{P}(1^{12}, 4^2, 6)$	6	12
94	10	4	1	$X_{2^2,4,24} \subset \mathbb{P}(1^{13}, 8, 12)$	4	13
95	10	4	1	$X_{2^3,20} \subset \mathbb{P}(1^{13}, 4, 10)$	4	13
96	10	4	1	$X_{3,4,5,30} \subset \mathbb{P}(1^{12}, 6, 10, 15)$	2	12
97	10	4	1	$X_{3,4^2,18} \subset \mathbb{P}(1^{11}, 2^2, 6, 9)$	4	11
98	10	4	1	$X_{3^2,4,18} \subset \mathbb{P}(1^{12}, 2, 6, 9)$	6	12
99	10	4	1	$X_{3^3,18} \subset \mathbb{P}(1^{13}, 6, 9)$	9	13
100	10	4	2	$X_{2,3^2,18} \subset \mathbb{P}(1^{13}, 6, 9)$	6144	90
101	10	4	2	$X_{2^2,5,12} \subset \mathbb{P}(1^{13}, 4, 6)$	10240	89
102	10	4	2	$X_{2^2,8,12} \subset \mathbb{P}(1^{12}, 4^2, 6)$	4096	76
103	10	4	3	$X_{2,3,5,30} \subset \mathbb{P}(1^{12}, 6, 10, 15)$	59049	351
104	10	4	3	$X_{2,3^2,12} \subset \mathbb{P}(1^{13}, 4, 6)$	531441	440
105	10	4	3	$X_{2^2,12^2} \subset \mathbb{P}(1^{11}, 4^2, 6^2)$	59049	264
106	10	4	3	$X_{2^2,3,18} \subset \mathbb{P}(1^{13}, 6, 9)$	236196	428
107	10	4	4	$X_{2^2,3,12} \subset \mathbb{P}(1^{13}, 4, 6)$	6291456	1627

Continued on next page

S.No	dim	c	I	Eq degrees & Embedding	$(-K_X)^{\dim}$	$h^0(-K_X)$
108	10	4	5	$X_{2^3,12} \subset \mathbb{P}(1^{13}, 4, 6)$	39062500	4875
109	10	5	1	$X_{2,3^2,5,30} \subset \mathbb{P}(1^{13}, 6, 10, 15)$	3	13
110	10	5	1	$X_{2,3^3,12} \subset \mathbb{P}(1^{14}, 4, 6)$	27	14
111	10	5	1	$X_{2^2,3,12^2} \subset \mathbb{P}(1^{12}, 4^2, 6^2)$	3	12
112	10	5	1	$X_{2^2,3^2,18} \subset \mathbb{P}(1^{14}, 6, 9)$	12	14
113	10	5	1	$X_{2^3,5,12} \subset \mathbb{P}(1^{14}, 4, 6)$	20	14
114	10	5	1	$X_{2^3,8,12} \subset \mathbb{P}(1^{13}, 4^2, 6)$	8	13
115	10	5	2	$X_{2^2,3,5,30} \subset \mathbb{P}(1^{13}, 6, 10, 15)$	2048	89
116	10	5	2	$X_{2^2,3^2,12} \subset \mathbb{P}(1^{14}, 4, 6)$	18432	103
117	10	5	2	$X_{2^3,12^2} \subset \mathbb{P}(1^{12}, 4^2, 6^2)$	2048	75
118	10	5	2	$X_{2^3,3,18} \subset \mathbb{P}(1^{14}, 6, 9)$	8192	102
119	10	5	3	$X_{2^3,3,12} \subset \mathbb{P}(1^{14}, 4, 6)$	708588	517
120	10	5	4	$X_{2^4,12} \subset \mathbb{P}(1^{14}, 4, 6)$	8388608	1967
121	10	6	1	$X_{2^3,3,5,30} \subset \mathbb{P}(1^{14}, 6, 10, 15)$	4	14
122	10	6	1	$X_{2^3,3^2,12} \subset \mathbb{P}(1^{15}, 4, 6)$	36	15
123	10	6	1	$X_{2^4,12^2} \subset \mathbb{P}(1^{13}, 4^2, 6^2)$	4	13
124	10	6	1	$X_{2^4,3,18} \subset \mathbb{P}(1^{15}, 6, 9)$	16	15
125	10	6	2	$X_{2^4,3,12} \subset \mathbb{P}(1^{15}, 4, 6)$	24576	116
126	10	6	3	$X_{2^5,12} \subset \mathbb{P}(1^{15}, 4, 6)$	944784	605
127	10	7	1	$X_{2^5,3,12} \subset \mathbb{P}(1^{16}, 4, 6)$	48	16
128	10	7	2	$X_{2^6,12} \subset \mathbb{P}(1^{16}, 4, 6)$	32768	130
129	10	8	1	$X_{2^7,12} \subset \mathbb{P}(1^{17}, 4, 6)$	64	17

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