

LIST OF ALL MINIMAL VECTORS AS USED BY THE PROGRAM

Minimal vectors for P_4^1 (12 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12
1	-1	0	0	-1	0	0	-1	0	-1	0	-1
0	1	1	-1	0	0	-1	0	0	-1	-1	0
0	0	0	1	1	1	-1	-1	-1	0	0	0
0	0	0	0	0	0	1	1	1	1	1	1

Minimal vectors for P_4^2 (10 minimal vectors):

1	2	3	4	5	6	7	8	9	10
1	-1	0	0	-1	0	0	0	-1	0
0	1	1	-1	0	0	0	-1	0	0
0	0	0	1	1	1	-1	0	0	0
0	0	0	0	0	0	1	1	1	1

Minimal vectors for P_5^1 (20 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	-1	0	0	-1	0	0	0	-1	0	0	0	-1	0	0	-1	0	-1	0	-1
0	1	1	-1	0	0	0	-1	0	0	0	-1	0	0	-1	0	0	-1	-1	0
0	0	0	1	1	1	-1	0	0	0	-1	0	0	0	-1	-1	-1	0	0	0
0	0	0	0	0	0	1	1	1	1	-1	-1	-1	-1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1

Minimal vectors for P_5^2 (15 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	0	0	0	1	0	0	0	1	0	0	1	1	0	1
0	1	0	0	0	1	0	0	0	1	0	1	0	1	1
0	0	1	0	0	0	1	0	0	0	1	0	1	1	1
0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

Minimal vectors for P_5^3 (15 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	-1	0	0	-1	0	0	0	-1	0	0	0	0	-1	0
0	1	1	-1	0	0	0	-1	0	0	0	0	-1	0	0
0	0	0	1	1	1	-1	0	0	0	0	-1	0	0	0
0	0	0	0	0	0	1	1	1	1	-1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	1	1	1	1

Minimal vectors for P_6^1 (36 minimal vectors):

[illegible]

Minimal vectors for P_6^2 (27 minimal vectors):

[illegible]

Minimal vectors for P_6^3 (30 minimal vectors):

[illegible]

Minimal vectors for P_6^4 (22 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11
1	0	0	-1	0	0	-1	0	-1	0	-1
0	1	-1	0	0	-1	0	0	-1	-1	0
0	0	1	1	1	0	0	0	1	0	0
0	0	0	0	0	1	1	1	1	0	0
0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0
12	13	14	15	16	17	18	19	20	21	22
0	-1	-1	-1	1	0	0	0	0	-1	0
0	-1	-1	-1	1	0	0	0	-1	0	0
0	1	0	1	-1	0	0	-1	0	0	0
0	0	1	1	-1	0	-1	0	0	0	0
1	1	1	1	-1	-1	0	0	0	0	0
0	0	0	0	1	1	1	1	1	1	1

Minimal vectors for P_6^5 (21 minimal vectors):

1	2	3	4	5	6	7	8	9	10
1	0	1	0	0	0	0	0	1	0
0	1	1	0	1	0	0	0	1	0
0	0	0	1	1	0	1	0	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	0	0	1	1	1
0	0	0	0	0	0	0	0	0	0
12	13	14	15	16	17	18	19	20	21
1	1	0	0	0	0	1	0	0	1
1	1	0	1	0	1	1	1	1	1
0	1	0	1	0	0	0	1	1	1
1	1	0	0	0	0	0	0	1	1
1	1	0	0	1	1	1	1	1	1
0	0	1	1	1	1	1	1	1	1

Minimal vectors for P_6^6 (21 minimal vectors):

1	2	3	4	5	6	7	8	9	10
1	0	0	-1	0	0	-1	0	-1	0
0	1	-1	0	0	-1	0	0	-1	0
0	0	1	1	1	0	0	0	1	0
0	0	0	0	0	1	1	1	1	-1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
12	13	14	15	16	17	18	19	20	21
0	-1	0	0	0	0	-1	0	0	-1
-1	0	0	0	0	-1	0	0	0	-1
0	0	0	0	-1	0	0	0	-1	0
0	0	0	-1	0	0	0	0	-1	0
1	1	1	0	0	0	0	0	1	1
0	0	0	1	1	1	1	1	1	1

Minimal vectors for P_6^7 (21 minimal vectors):

1	2	3	4	5	6	7	8	9	10
1	-1	0	0	-1	0	0	0	-1	0
0	1	1	-1	0	0	0	-1	0	0
0	0	0	1	1	1	-1	0	0	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
12	13	14	15	16	17	18	19	20	21
0	0	-1	0	0	0	0	0	-1	0
0	-1	0	0	0	0	0	-1	0	0
-1	0	0	0	0	0	-1	0	0	0
0	0	0	0	0	-1	0	0	0	0
1	1	1	1	-1	0	0	0	0	0
0	0	0	0	1	1	1	1	1	1

Minimal vectors for P_7^1 (63 minimal vectors):

[illegible]

Minimal vectors for P_7^2 (28 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14
-1	-1	-1	-1	-1	-1	0	-1	-1	0	-1	0	0	-1
-1	-1	-1	-1	-1	0	-1	-1	0	-1	0	-1	0	0
-1	-1	-1	-1	0	-1	-1	0	-1	-1	0	0	-1	0
-1	-1	-1	0	-1	-1	-1	0	0	0	-1	-1	-1	0
-1	-1	0	-1	-1	-1	-1	0	0	0	0	0	0	-1
2	2	1	1	1	1	1	1	1	1	1	1	1	1
3	2	2	2	2	2	2	1	1	1	1	1	1	1
15	16	17	18	19	20	21	22	23	24	25	26	27	28
0	0	0	-1	0	0	0	0	0	0	0	0	0	1
-1	0	0	0	-1	0	0	0	0	0	0	0	1	0
0	-1	0	0	0	-1	0	0	0	0	0	1	0	0
0	0	-1	0	0	0	-1	0	0	0	1	0	0	0
-1	-1	-1	0	0	0	0	-1	0	1	0	0	0	0
1	1	1	0	0	0	0	0	1	0	0	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0	0	0

Minimal vectors for P_7^3 (36 minimal vectors):

[illegible]

Minimal vectors for P_7^4 (42 minimal vectors):

[illegible]

Minimal vectors for P_7^5 (36 minimal vectors):

[illegible]

Minimal vectors for P_7^6 (32 minimal vectors):

[illegible]

Minimal vectors for P_7^7 (34 minimal vectors):

[illegible]

Minimal vectors for P_7^8 (32 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
-1	-1	0	-2	-1	-1	-1	0	0	0	1	0	0	0	0	0
-1	-1	-1	-1	-1	0	-1	0	-1	0	0	0	-1	0	0	-1
-1	-1	-1	-1	0	-1	-1	0	0	-1	0	0	0	-1	0	0
0	0	-1	1	0	0	0	0	0	0	-1	-1	-1	-1	0	0
-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-1
1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
-1	0	-1	-1	1	-1	0	-1	-1	0	1	0	-1	0	0	1
-1	0	0	-1	0	0	0	0	0	0	0	0	0	0	1	0
0	-1	-1	-1	0	0	0	0	0	0	0	0	0	1	0	0
0	0	0	0	-1	1	0	0	1	0	-1	1	1	0	0	0
-1	-1	-1	-1	0	0	0	0	-1	1	1	0	0	0	0	0
0	0	0	0	-1	1	1	1	1	0	0	0	0	0	0	0
1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0

Minimal vectors for P_7^9 (28 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14
-1	-1	0	-1	0	-1	0	0	-1	0	0	0	-1	0
-1	0	-1	-1	0	0	-1	0	0	-1	0	0	0	-1
-1	0	0	0	-1	-1	-1	0	0	0	-1	0	0	0
-1	0	0	0	0	0	0	-1	-1	-1	-1	0	0	0
-1	0	0	0	0	0	0	0	0	0	0	-1	-1	-1
-1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1
15	16	17	18	19	20	21	22	23	24	25	26	27	28
0	0	0	-1	0	0	0	0	0	0	0	0	0	1
0	0	0	0	-1	0	0	0	0	0	0	0	1	0
-1	0	0	0	0	-1	0	0	0	0	0	1	0	0
0	-1	0	0	0	0	-1	0	0	0	1	0	0	0
-1	-1	0	0	0	0	0	0	-1	1	0	0	0	0
0	0	-1	-1	-1	-1	-1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	0	0	0	0	0	0	0

Minimal vectors for P_7^{10} (32 minimal vectors):

[illegible]

Minimal vectors for P_7^{11} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{12} (28 minimal vectors):

1	2	3	4	5	6	7	8	9	10	11	12	13	14
-1	-1	0	-1	0	-1	0	0	-1	0	0	0	-1	0
-1	0	-1	-1	0	0	-1	0	0	-1	0	0	0	-1
-1	0	0	0	-1	-1	-1	0	0	0	-1	0	0	0
-1	0	0	0	0	0	0	-1	-1	-1	-1	0	0	0
-1	0	0	0	0	0	0	0	0	0	0	-1	-1	-1
-1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1
15	16	17	18	19	20	21	22	23	24	25	26	27	28
0	0	0	-1	0	0	0	0	0	0	0	0	0	1
0	0	0	0	-1	0	0	0	0	0	0	0	1	0
-1	0	0	0	0	-1	0	0	0	0	0	1	0	0
0	-1	0	0	0	0	-1	0	0	0	1	0	0	0
-1	-1	0	0	0	0	0	-1	0	1	0	0	0	0
0	0	-1	-1	-1	-1	-1	-1	1	0	0	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0	0	0

Minimal vectors for P_7^{13} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{14} (29 minimal vectors):

[illegible]

Minimal vectors for P_7^{15} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{16} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{17} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{20} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{21} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{22} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{23} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{24} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{25} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{26} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{27} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{28} (30 minimal vectors):

[illegible]

Minimal vectors for P_7^{29} (29 minimal vectors):

[illegible]

Minimal vectors for P_7^{30} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{31} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{32} (28 minimal vectors):

[illegible]

Minimal vectors for P_7^{33} (28 minimal vectors):

[illegible]