

Self-Orthogonal Codes (Reference)

R=1/2 J		n_A	Non-zero places in generating polynomials $n_o = 2$
4		14	0, 2, 5, 6
6		36	0, 2, 7, 13, 16, 17
8		72	0, 7, 10, 16, 18, 30, 31, 35
10		112	0, 2, 14, 21, 29, 32, 45, 49, 54, 55
12		172	0, 2, 6, 24, 29, 40, 43, 55, 68, 75, 76, 85
14		256	0, 5, 28, 38, 41, 49, 50, 68, 75, 92, 107, 121, 123, 127
16		360	0, 6, 19, 40, 58, 67, 78, 83, 109, 132, 133, 162, 165, 169, 177, 179
18		434	0, 2, 10, 22, 53, 56, 82, 83, 89, 98, 130, 148, 153, 167, 188, 192, 205, 216
20		568	0, 24, 30, 43, 55, 71, 75, 89, 104, 125, 127, 162, 167, 189, 206, 215, 272, 275, 282, 283
22		718	0, 3, 16, 45, 50, 51, 65, 104, 125, 142, 182, 206, 210, 218, 228, 237, 289, 300, 326, 333, 356, 358
24		852	0, 22, 41, 57, 72, 93, 99, 139, 147, 173, 217, 220, 234, 273, 283, 285, 296, 303, 328, 387, 388, 392, 416, 425
R=2/3 J	R=1/3 J	n_A	Non-zero places in generating polynomials $n_o = 3$
2	4	9	0, 1 0, 2
	6	27	0, 1, 7, 0, 3, 8
4	8	42	0, 8, 9, 12 0, 6, 11, 13
	10	69	0, 2, 9, 21, 22 0, 4, 10, 15, 18
6	12	120	0, 14, 21, 23, 36, 39 0, 8, 27, 28, 32, 38
	14	165	0, 1, 28, 31, 44, 46, 52 0, 7, 17, 29, 40, 49, 54
8	16	237	0, 19, 21, 45, 63, 73, 74, 78 0, 27, 39, 47, 61, 64, 70, 77
	18	309	0, 16, 37, 44, 47, 70, 82, 83, 97 0, 22, 24, 30, 41, 73, 93, 98, 102
10	20	393	0, 1, 6, 25, 32, 72, 100, 108, 120, 130 0, 23, 39, 57, 60, 74, 101, 103, 112, 116
	22	507	0, 5, 12, 53, 72, 81, 135, 136, 146, 159, 167 0, 17, 46, 50, 52, 66, 88, 125, 150, 165, 168

$R=2/3$ J	$R=1/3$ J	n_A	Non-zero places in generating polynomials $n_o = 3$
12	24	588	0, 17, 46, 50, 52, 66, 88, 125, 150, 165, 168, 195 0, 26, 34, 47, 57, 58, 112, 121, 140, 181, 188, 193
13	26	753	0, 16, 64, 104, 122, 124, 146, 159, 167, 171, 178, 237, 240 0, 30, 39, 53, 68, 129, 139, 165, 170, 216, 222, 249, 250
14	28	867	0, 2, 7, 42, 45, 117, 163, 185, 195, 216, 229, 246, 255, 279 0, 8, 12, 27, 28, 64, 113, 131, 154, 160, 208, 219, 233, 288
$R=3/4$ J	$R=1/4$ J	n_A	Non-zero places in generating polynomials $n_o = 4$
4	12	80	0, 3, 15, 19 0, 8, 17, 18 0, 6, 11, 13
6	18	248	0, 12, 16, 42, 48, 61 0, 3, 5, 14, 34, 58 0, 15, 22, 23, 40, 50
8	24	512	0, 16, 31, 34, 48, 75, 85, 124 0, 28, 35, 47, 58, 71, 80, 100 0, 21, 25, 26, 81, 87, 89, 127
10	30	812	0, 7, 27, 76, 113, 137, 155, 156, 170, 202 0, 8, 38, 48, 59, 82, 111, 146, 150, 152 0, 12, 25, 28, 78, 83, 100, 109, 145, 199
$R=4/5$ J	$R=1/5$ J	n_A	Non-zero places in generating polynomials $n_o = 5$
4	16	135	0, 16, 20, 21 0, 2, 10, 25 0, 14, 17, 26 0, 11, 18, 24
6	24	415	0, 5, 26, 51, 55, 69 0, 6, 7, 41, 60, 72 0, 8, 11, 24, 44, 82 0, 10, 32, 47, 49, 77
8	32	895	0, 19, 59, 68, 85, 88, 103, 141 0, 39, 87, 117, 138, 148, 154, 162 0, 2, 13, 25, 96, 118, 168, 172 0, 7, 65, 70, 97, 98, 144, 178