

Cover Page



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Appendices

Appendix A

Orbits of maximal cliques

The following pages contain a table summarizing part of the results of Section 3.5. We recall the Notation 3.5.3.

NOTATION.

Graph: a graph Γ_c where c is a set of colors in $\{-2, -1, 0, 1\}$.

K: a clique in Γ_c ; we denote vertices by their index as written below.

$|K|$: the size of K .

$|W_K|$: the size of the stabilizer of clique K in the group W .

$|\text{Aut}(K)|$: the size of the automorphism group of K as a colored graph.

$\#O$: the number of orbits of the set of all maximal cliques of size $|K|$ in Γ_c under the action of W .

Roots of the form $(\pm\frac{1}{2}, \dots, \pm\frac{1}{2})$ are ordered lexicographically and denoted by numbers 1 – 128; for example, $(-\frac{1}{2}, \dots, -\frac{1}{2})$ is number 1, and $(\frac{1}{2}, \dots, \frac{1}{2})$ number 128. Permutations of $(\pm 1, \pm 1, 0, 0, 0, 0, 0, 0)$ are ordered lexicographically and denoted by the numbers 129 – 240; for example, $(-1, -1, 0, 0, 0, 0, 0, 0)$ is number 129, and $(1, 1, 0, 0, 0, 0, 0, 0)$ is number 240.

Graph	$ K $	$\#O$	$ W_K $	$ \text{Aut}(K) $	K
$\Gamma_{\{-2\}}$	2	1	5806080	2	$\{1, 128\}$
$\Gamma_{\{-1\}}$	3	1	311040	6	$\{1, 32, 240\}$
$\Gamma_{\{0\}}$	8	1	1344	40320	$\{1, 8, 26, 31, 43, 46, 52, 53\}$
$\Gamma_{\{1\}}$	7	1	10080	5040	$\{1, 2, 3, 5, 129, 130, 131\}$
	8	1	40320	40320	$\{1, 2, 3, 4, 129, 130, 131, 132\}$
$\Gamma_{\{-2, -1\}}$	2	1	5806080	2	$\{1, 128\}$
	3	1	311040	6	$\{1, 32, 240\}$
$\Gamma_{\{-2, 0\}}$	16	1	344064	10321920	$\{25, 32, 51, 54, 75, 78, 97, 104, 130, 144, 177, 181, 188, 192, 225, 239\}$
$\Gamma_{\{-2, 1\}}$	2	1	5806080	2	$\{1, 128\}$
	7	1	10080	5040	$\{1, 2, 3, 5, 129, 130, 131\}$
	8	1	40320	40320	$\{1, 2, 3, 4, 129, 130, 131, 132\}$
$\Gamma_{\{-1, 0\}}$	8	5	144	144	$\{41, 48, 50, 78, 144, 187, 214, 240\}$
			128	128	$\{12, 17, 41, 71, 170, 193, 214, 240\}$
			16	16	$\{12, 17, 40, 41, 71, 86, 214, 240\}$
			14	14	$\{12, 23, 41, 50, 70, 168, 214, 240\}$
			8	8	$\{7, 41, 48, 50, 75, 86, 214, 240\}$
	9	11	64	192	$\{3, 6, 41, 48, 50, 55, 214, 227, 240\}$
			48	96	$\{19, 41, 48, 50, 75, 146, 193, 214, 240\}$
			40	80	$\{12, 23, 41, 50, 67, 86, 163, 214, 240\}$
			30	60	$\{12, 23, 40, 41, 50, 65, 86, 214, 240\}$
			24	48	$\{19, 41, 48, 50, 70, 75, 193, 214, 240\}$
			18	18	$\{12, 23, 41, 50, 163, 168, 214, 227, 240\}$
			16	16	$\{19, 41, 48, 50, 65, 150, 172, 214, 240\}$
			8	16	$\{41, 48, 50, 55, 65, 78, 178, 214, 240\}$
			4	8	$\{3, 41, 48, 50, 55, 66, 152, 214, 240\}$
			2	2	$\{3, 41, 48, 50, 55, 72, 77, 214, 240\}$
			1	1	$\{7, 41, 48, 50, 68, 78, 85, 214, 240\}$
	10	6	192	1152	$\{41, 48, 50, 55, 66, 152, 178, 184, 214, 240\}$
			128	256	$\{3, 6, 41, 48, 50, 55, 76, 77, 214, 240\}$
			100	200	$\{12, 23, 40, 41, 50, 67, 77, 86, 214, 240\}$
			36	72	$\{6, 19, 41, 48, 50, 65, 76, 192, 214, 240\}$
			32	64	$\{3, 6, 41, 48, 50, 55, 76, 85, 214, 240\}$
			18	36	$\{19, 41, 48, 50, 65, 76, 86, 192, 214, 240\}$
	12	1	3888	31104	$\{11, 22, 36, 46, 49, 69, 74, 84, 184, 196, 214, 240\}$
$\Gamma_{\{-1, 1\}}$	3	2	311040	6	$\{55, 80, 173\}$
			103680	2	$\{84, 88, 194\}$
	7	4	10080	5040	$\{118, 126, 191, 195, 213, 224, 237\}$
			1440	720	$\{8, 24, 32, 113, 129, 138, 151\}$

Graph	$ K $	#O	$ W_K $	$ \text{Aut}(K) $	K
	8	5	480	240	{42, 72, 103, 120, 136, 193, 237}
			288	144	{37, 39, 53, 74, 167, 235, 238}
			40320	40320	{33, 41, 49, 57, 132, 133, 134, 142}
			5040	5040	{6, 7, 21, 24, 135, 148, 193, 201}
			1440	1440	{24, 32, 99, 107, 139, 152, 195, 213}
			1152	1152	{34, 63, 111, 114, 180, 182, 196, 203}
			720	720	{33, 91, 98, 101, 148, 151, 153, 154}
			1344	1344	{1, 2, 3, 5, 9, 12, 17, 29, 33, 38, 51, 129, 130, 131, 132, 133, 134, 135, 136, 144, 158, 173}
			336	336	{1, 2, 3, 5, 7, 9, 13, 14, 15, 17, 25, 29, 33, 43, 45, 53, 129, 130, 131, 132, 133, 134, 136, 137, 139, 140, 149, 157}
			432		separate section
$\Gamma_{\{0,1\}}$	22	1	3840	3840	{1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 14, 17, 18, 20, 22, 26, 33, 129, 130, 131, 132, 133, 134, 136, 137, 143, 144, 145, 146, 149}
			1152	1152	{1, 2, 3, 4, 5, 6, 8, 9, 11, 13, 15, 17, 19, 21, 23, 26, 33, 129, 130, 131, 132, 133, 134, 136, 137, 140, 141, 145, 146, 149}
			720	720	{1, 2, 3, 4, 5, 6, 8, 9, 11, 13, 15, 17, 19, 21, 23, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 143, 144, 147}
			192	192	{1, 2, 3, 5, 7, 8, 9, 13, 14, 17, 22, 29, 33, 37, 39, 53, 65, 129, 130, 131, 132, 133, 134, 136, 144, 147, 157, 160, 166, 184}
			72	72	{1, 2, 3, 5, 6, 8, 9, 13, 14, 15, 17, 22, 29, 33, 37, 39, 53, 65, 129, 130, 131, 132, 133, 134, 136, 144, 147, 157, 160, 181}
			64	64	{1, 2, 3, 5, 6, 7, 8, 9, 14, 17, 22, 29, 33, 129, 130, 131, 132, 133, 134, 136, 139, 143, 144, 146, 147, 149, 157, 160, 166, 169}
			48	48	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 17, 18, 19, 21, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 143, 144, 145, 146, 147}
			48	48	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 17, 18, 19, 20, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 143, 144, 147}
			48	48	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 15, 17, 19, 21, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 143, 144, 147}
			48	48	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 14, 15, 17, 33, 36, 37, 42, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 140, 143, 158}
			48	48	{1, 2, 3, 4, 5, 6, 8, 9, 11, 13, 17, 18, 19, 21, 23, 26, 33, 129, 130, 131, 132, 133, 134, 136, 138, 139, 140, 143, 147, 149}
			32	32	{1, 2, 3, 4, 5, 6, 8, 9, 10, 17, 18, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 143, 144, 145, 146, 147, 156, 157, 165, 166}
			24	24	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 17, 18, 19, 21, 26, 33, 129, 130, 131, 132, 133, 134, 136, 137, 138, 139, 143, 144, 149}
			16	16	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 15, 17, 19, 20, 21, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 143, 144, 147}
			16	16	{1, 2, 3, 4, 5, 6, 8, 9, 10, 15, 17, 33, 35, 36, 37, 38, 42, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 140, 143, 158}
			12	12	{1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 14, 17, 18, 20, 22, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 143, 144, 145, 147}
			12	12	{1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 14, 17, 18, 20, 22, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 139, 143, 144, 147}
			12	12	{1, 2, 3, 4, 5, 6, 8, 9, 10, 15, 17, 33, 35, 36, 37, 38, 42, 129, 130, 131, 132, 133, 134, 135, 136, 138, 140, 143, 156, 158}
			10	10	{1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 17, 18, 22, 26, 33, 36, 38, 65, 129, 130, 131, 132, 133, 134, 136, 143, 144, 149, 157, 165}
			8	8	{1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 17, 18, 19, 22, 26, 33, 129, 130, 131, 132, 133, 134, 135, 136, 138, 143, 144, 145, 147}
			8	8	{1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 15, 17, 33, 35, 36, 37, 42, 129, 130, 131, 132, 133, 134, 135, 136, 139, 140, 143, 157, 158}
			4	4	{1, 2, 3, 5, 7, 8, 9, 10, 11, 13, 17, 18, 19, 21, 27, 29, 33, 129, 130, 131, 132, 133, 134, 135, 136, 139, 140, 143, 146, 147}
			4	4	{1, 2, 3, 5, 7, 9, 10, 11, 13, 17, 18, 19, 21, 33, 37, 41, 65, 129, 130, 131, 132, 133, 134, 136, 143, 146, 147, 155, 174, 179}
			4	4	{1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 17, 18, 19, 21, 27, 33, 129, 130, 131, 132, 133, 134, 135, 136, 139, 140, 143, 146, 147}
			4	4	{1, 2, 3, 5, 7, 9, 10, 11, 13, 17, 18, 19, 33, 37, 41, 65, 129, 130, 131, 132, 133, 134, 136, 143, 146, 147, 155, 174, 179}
			480	480	{1, 3, 5, 9, 11, 17, 19, 25, 27, 33, 65, 67, 73, 75, 81, 83, 89, 129, 132, 134, 145, 147, 158, 167, 174, 179, 183, 184, 187, 199, 208}
			120	120	{1, 3, 5, 9, 11, 15, 17, 19, 25, 27, 65, 67, 73, 75, 83, 89, 129, 132, 134, 143, 144, 145, 147, 148, 153, 156, 158, 174, 179, 183, 187}
			72	72	{1, 3, 5, 9, 11, 17, 18, 19, 21, 23, 25, 27, 33, 49, 51, 81, 89, 129, 132, 133, 134, 141, 144, 145, 147, 165, 167, 174, 179, 183, 208}
			48	48	{1, 3, 5, 9, 11, 17, 19, 21, 23, 25, 27, 49, 65, 81, 89, 129, 132, 133, 134, 144, 145, 146, 147, 148, 158, 165, 167, 174, 179, 183, 208}

Graph	$ K $	#O	$ W_K $	$ \text{Aut}(K) $	K
$\Gamma_{\{-2,-1,0\}}$	8	4	144	144	$\{1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 27, 31, 41, 67, 73, 89, 129, 132, 134, 145, 147, 158, 167, 174, 179, 183, 184, 187, 199, 208\}$
			128	128	$\{1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 27, 31, 41, 67, 73, 89, 129, 132, 134, 145, 146, 147, 148, 158, 167, 174, 179, 183, 199, 208\}$
			16	16	$\{1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 27, 31, 41, 67, 73, 89, 129, 132, 134, 145, 146, 147, 148, 158, 167, 174, 179, 183, 199, 208\}$
			8	8	$\{1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 27, 31, 41, 67, 73, 89, 129, 132, 134, 145, 147, 148, 158, 167, 174, 179, 183, 187, 199, 208\}$
	9	3	144	144	$\{2, 3, 5, 9, 12, 17, 20, 26, 27, 29, 65, 74, 75, 82, 83, 89, 129, 132, 136, 143, 145, 146, 147, 149, 153, 160, 173, 174, 176, 181, 184, 201\}$
			48	48	$\{1, 2, 3, 4, 5, 7, 9, 10, 11, 12, 13, 15, 16, 35, 41, 43, 75, 129, 130, 132, 134, 136, 143, 145, 147, 155, 156, 157, 158, 160, 162, 164\}$
			24	24	$\{1, 3, 5, 9, 11, 17, 18, 19, 20, 21, 23, 25, 26, 27, 29, 33, 49, 57, 129, 131, 132, 133, 134, 135, 136, 140, 141, 145, 146, 147, 174, 208\}$
			96	96	$\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 17, 18, 20, 33, 34, 129, 130, 131, 132, 133, 134, 135, 136, 140, 141, 145, 146, 147, 155, 156\}$
		1	2880	2880	$\{1, 2, 5, 6, 8, 14, 17, 18, 22, 33, 34, 36, 37, 38, 42, 50, 53, 54, 129, 130, 131, 132, 133, 136, 137, 139, 142, 155, 157, 166, 169, 170, 181, 182\}$
		2	720	720	$\{1, 2, 3, 4, 5, 6, 8, 9, 12, 14, 15, 17, 20, 22, 23, 26, 33, 36, 38, 129, 130, 131, 132, 133, 134, 136, 137, 138, 139, 143, 144, 149, 160, 169\}$
		36	40320	40320	$\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 19, 20, 33, 34, 35, 36, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 143, 144, 145, 155, 156, 165\}$
	10	4	144	144	$\{1, 8, 26, 31, 43, 54, 227, 240\}$
			128	128	$\{1, 8, 26, 47, 83, 102, 226, 238\}$
			16	16	$\{1, 8, 26, 47, 83, 110, 226, 233\}$
			8	8	$\{1, 8, 26, 31, 43, 54, 228, 239\}$
		9	80	80	$\{1, 8, 26, 47, 51, 86, 121, 128, 228\}$
			64	192	$\{1, 8, 26, 31, 43, 46, 84, 85, 240\}$
			40	80	$\{1, 8, 26, 47, 51, 86, 124, 125, 228\}$
			28	28	$\{1, 8, 26, 47, 51, 86, 110, 121, 236\}$
			24	48	$\{1, 8, 26, 31, 43, 54, 100, 125, 227\}$
			18	18	$\{1, 8, 26, 47, 51, 86, 110, 124, 232\}$
			12	12	$\{1, 8, 26, 31, 43, 86, 106, 115, 125\}$
			4	8	$\{1, 8, 26, 31, 43, 46, 84, 113, 237\}$
11	5		1	1	$\{1, 8, 26, 31, 43, 54, 100, 113, 238\}$
			288	576	$\{1, 8, 26, 47, 51, 77, 121, 128, 185, 229\}$
		10	192	1152	$\{1, 8, 26, 31, 43, 46, 52, 53, 227, 240\}$
			100	200	$\{1, 8, 26, 47, 51, 86, 91, 125, 222, 228\}$
			64	64	$\{1, 8, 26, 31, 43, 46, 84, 98, 103, 125\}$
			60	120	$\{1, 8, 26, 47, 51, 86, 91, 128, 218, 228\}$
			48	96	$\{1, 8, 26, 31, 43, 86, 101, 106, 115, 128\}$
			32	32	$\{1, 8, 26, 31, 43, 86, 106, 115, 224, 234\}$
			32	64	$\{1, 8, 26, 31, 43, 46, 84, 101, 226, 238\}$
			18	36	$\{1, 8, 26, 31, 43, 54, 100, 109, 119, 227\}$
			4	4	$\{1, 8, 26, 31, 43, 46, 84, 98, 117, 238\}$
			2304	2304	$\{1, 8, 26, 31, 43, 54, 98, 103, 121, 128, 227\}$
12	3		648	2592	$\{1, 8, 26, 47, 51, 77, 108, 121, 185, 213, 229\}$
			192	384	$\{1, 8, 26, 31, 43, 54, 100, 101, 121, 128, 227\}$
			32	64	$\{1, 8, 26, 31, 43, 46, 52, 85, 98, 103, 238\}$
			72	144	$\{1, 8, 26, 31, 43, 54, 100, 109, 113, 128, 227\}$
			3888	31104	$\{1, 8, 26, 47, 51, 77, 91, 108, 185, 213, 218, 229\}$

Graph	$ K $	#O	$ W_K $	$ \text{Aut}(K) $	K
	13	1	1024	3072	$\{1, 8, 26, 31, 43, 46, 84, 85, 98, 103, 121, 128\}$
			512	1024	$\{1, 8, 26, 31, 43, 46, 84, 85, 98, 103, 226, 238\}$
			1536	9216	$\{1, 8, 26, 31, 43, 46, 52, 53, 76, 77, 83, 86, 240\}$
			344064	10321920	$\{1, 8, 26, 31, 43, 46, 52, 53, 76, 77, 83, 86, 98, 103, 121, 128\}$
$\Gamma_{\{-2, -1, 1\}}$	6	1	622080	12	$\{24, 33, 96, 105, 131, 238\}$
			14	10080	$\{11, 41, 88, 118, 135, 159, 169, 175, 183, 186, 194, 200, 210, 234\}$
			16	80640	$\{1, 22, 43, 54, 75, 86, 107, 118, 156, 172, 174, 178, 191, 195, 197, 213\}$
			13	7	$\{1, 8, 31, 40, 71, 98, 128, 136, 150, 164, 178, 191, 205\}$
$\Gamma_{\{-2, 0, 1\}}$	14	4	768	4608	$\{1, 8, 31, 40, 98, 128, 136, 137, 150, 164, 178, 191, 205\}$
			512	1024	$\{1, 8, 31, 98, 128, 136, 137, 149, 150, 162, 163, 171, 172\}$
			384	768	$\{1, 8, 12, 14, 15, 128, 136, 137, 138, 139, 154, 169, 215\}$
			384	768	$\{1, 8, 12, 38, 47, 82, 128, 136, 137, 152, 160, 161, 171\}$
			192	384	$\{1, 8, 31, 39, 45, 51, 98, 128, 136, 137, 149, 162, 172\}$
			64	128	$\{1, 8, 12, 23, 38, 47, 82, 128, 136, 137, 152, 160, 171\}$
			15360	30720	$\{1, 27, 43, 51, 57, 59, 128, 136, 138, 140, 141, 142, 177, 192\}$
			3072	18432	$\{1, 12, 23, 30, 45, 47, 77, 79, 99, 106, 117, 128, 163, 199\}$
			192	384	$\{1, 29, 30, 47, 54, 78, 82, 93, 117, 128, 152, 191, 198, 209\}$
			64	128	$\{1, 46, 70, 72, 79, 83, 100, 101, 103, 128, 160, 172, 228, 231\}$
			344064	10321920	$\{1, 22, 46, 57, 72, 83, 107, 128, 138, 153, 160, 177, 192, 209, 216, 231\}$
			336	336	$\{1, 39, 40, 43, 51, 53, 55, 115, 128, 141, 142, 169, 192, 216, 218, 219\}$
			192	384	$\{1, 16, 38, 42, 68, 70, 74, 77, 102, 106, 113, 128, 160, 182, 215, 228\}$
			2880	2880	$\{1, 8, 12, 14, 15, 20, 22, 23, 36, 38, 39, 128, 136, 137, 138, 139, 149, 160, 169\}$
			2880	5760	$\{1, 8, 12, 14, 50, 68, 70, 74, 128, 136, 137, 154, 169, 170, 176, 177, 181, 182, 215\}$
			2304	2304	$\{1, 8, 12, 14, 23, 24, 39, 40, 68, 70, 128, 136, 137, 151, 152, 162, 163, 169, 170\}$
19	29	29	1440	1440	$\{1, 8, 12, 15, 16, 20, 23, 24, 36, 39, 40, 70, 128, 136, 137, 139, 151, 162, 171\}$
			384	384	$\{1, 8, 12, 15, 23, 24, 38, 40, 68, 70, 128, 136, 137, 150, 152, 162, 163, 169, 171\}$
			144	144	$\{1, 8, 12, 14, 23, 24, 39, 40, 68, 128, 136, 137, 138, 151, 152, 162, 163, 169, 170\}$
			120	120	$\{1, 8, 12, 14, 20, 24, 36, 39, 128, 136, 137, 138, 139, 149, 151, 161, 162, 169, 170\}$
			96	96	$\{1, 8, 12, 14, 15, 22, 26, 38, 45, 128, 136, 137, 138, 139, 149, 152, 160, 161, 169\}$
			96	96	$\{1, 8, 12, 14, 15, 24, 40, 128, 136, 137, 138, 139, 150, 151, 152, 161, 162, 163, 169\}$
			96	96	$\{1, 8, 12, 14, 20, 23, 38, 39, 128, 136, 137, 138, 139, 149, 152, 160, 162, 169, 170\}$
			96	96	$\{1, 8, 12, 14, 39, 40, 128, 136, 137, 138, 139, 151, 152, 160, 161, 162, 163, 169, 170\}$
			96	96	$\{1, 8, 12, 15, 16, 22, 23, 24, 36, 39, 40, 68, 70, 128, 136, 137, 151, 163, 171\}$
			72	72	$\{1, 8, 12, 14, 15, 22, 24, 38, 40, 128, 136, 137, 138, 139, 150, 152, 161, 163, 169\}$
			48	48	$\{1, 8, 12, 14, 20, 22, 39, 40, 128, 136, 137, 138, 139, 151, 152, 160, 161, 169, 170\}$
			32	32	$\{1, 8, 12, 14, 15, 20, 22, 23, 36, 38, 40, 128, 136, 137, 138, 139, 150, 160, 169\}$
			32	32	$\{1, 8, 12, 14, 23, 39, 128, 136, 137, 138, 139, 149, 151, 152, 160, 162, 163, 169, 170\}$
			32	32	$\{1, 8, 12, 14, 23, 49, 68, 128, 136, 137, 138, 149, 151, 152, 162, 163, 169, 170\}$
			24	24	$\{1, 8, 12, 14, 15, 23, 36, 38, 40, 128, 136, 137, 138, 139, 150, 160, 162, 163, 169\}$

Graph	$ K $	#O	$ W_K $	$ \text{Aut}(K) $	K
			24	24	$\{1, 8, 12, 14, 15, 24, 38, 40, 128, 136, 137, 138, 139, 150, 152, 161, 162, 163, 169\}$
			24	24	$\{1, 8, 12, 14, 23, 24, 38, 39, 68, 128, 136, 137, 138, 149, 152, 162, 163, 169, 170\}$
			20	20	$\{1, 8, 12, 14, 20, 24, 39, 128, 136, 137, 138, 139, 149, 151, 152, 161, 162, 169, 170\}$
			16	16	$\{1, 8, 12, 14, 15, 20, 23, 38, 40, 128, 136, 137, 138, 139, 150, 152, 160, 162, 169\}$
			16	16	$\{1, 8, 12, 14, 23, 40, 128, 136, 137, 138, 139, 150, 151, 152, 160, 162, 163, 169, 170\}$
			12	12	$\{1, 8, 12, 14, 15, 22, 23, 38, 40, 128, 136, 137, 138, 139, 150, 152, 160, 163, 169\}$
			8	8	$\{1, 8, 12, 14, 15, 20, 23, 36, 38, 40, 128, 136, 137, 138, 139, 150, 160, 162, 169\}$
			8	8	$\{1, 8, 12, 14, 15, 23, 38, 40, 128, 136, 137, 138, 139, 150, 152, 160, 162, 163, 169\}$
			8	8	$\{1, 8, 12, 14, 15, 23, 24, 38, 40, 128, 136, 137, 138, 139, 150, 152, 162, 163, 169\}$
			8	8	$\{1, 8, 12, 14, 20, 24, 38, 39, 128, 136, 137, 138, 139, 149, 152, 161, 162, 169, 170\}$
			8	8	$\{1, 8, 12, 14, 20, 39, 40, 128, 136, 137, 138, 139, 151, 152, 160, 161, 162, 169, 170\}$
	20	5	192	192	$\{1, 8, 12, 14, 15, 16, 20, 22, 23, 36, 38, 39, 128, 136, 137, 138, 139, 140, 149, 160\}$
			128	128	$\{1, 8, 12, 14, 15, 16, 20, 23, 38, 40, 128, 136, 137, 138, 139, 140, 150, 152, 160, 162\}$
			96	96	$\{1, 8, 12, 14, 15, 16, 20, 38, 39, 40, 128, 136, 137, 138, 139, 140, 152, 160, 161, 162\}$
			16	16	$\{1, 8, 12, 14, 15, 16, 20, 22, 38, 39, 40, 128, 136, 137, 138, 139, 140, 152, 160, 161\}$
			16	16	$\{1, 8, 12, 14, 15, 16, 20, 22, 38, 39, 128, 136, 137, 138, 139, 140, 149, 152, 160, 161\}$
	21	1	48	48	$\{1, 8, 12, 14, 15, 16, 22, 38, 39, 45, 128, 136, 137, 138, 139, 140, 149, 152, 160, 161, 163\}$
	22	3	1440	1440	$\{1, 26, 30, 42, 46, 58, 74, 78, 90, 106, 114, 121, 128, 177, 182, 185, 197, 198, 200, 207, 218, 231\}$
			1344	1344	$\{1, 2, 3, 5, 9, 12, 17, 29, 33, 38, 51, 129, 130, 131, 132, 133, 134, 135, 136, 144, 158, 173\}$
			144	144	$\{1, 12, 26, 28, 36, 42, 43, 44, 50, 52, 57, 58, 59, 106, 128, 176, 177, 178, 197, 206, 217, 230\}$
	24	1	1440	1440	$\{1, 8, 12, 14, 15, 16, 38, 39, 40, 45, 46, 47, 128, 136, 137, 138, 139, 140, 152, 160, 161, 162, 163, 164\}$
	28		as in 0,1	as in 0,1	
	29	433	103680	103680	$\{1, 8, 12, 14, 15, 16, 36, 38, 39, 40, 42, 43, 44, 45, 46, 47, 128, 136, 137, 138, 139, 140, 142, 160, 161, 162, 163, 164, 215\}$
			rest	rest	
	30		as in 0,1	as in 0,1	
	31		as in 0,1	as in 0,1	
	32		as in 0,1	as in 0,1	
	33		as in 0,1	as in 0,1	
	34		as in 0,1	as in 0,1	
	36		as in 0,1	as in 0,1	
Γ	240	1	$ W $	$ W $	Γ

Appendix B

Maximal cliques of size 29 in $\Gamma_{\{0,1\}}$

The following pages contain a table summarizing the results in Proposition 3.5.36. We recall Notation 3.5.38.

NOTATION.

K : a clique in $\Gamma_{\{0,1\}}$; we denote vertices by their index as written below.

$|W_K|$: the size of the stabilizer of clique K in the group W .

$\#K_5(1)$: the number of cliques of size 5 with only edges of color 0 in K .

$\#K_4^a(1)$: the number of cliques in K of four roots that sum up to a double root in Λ , with only edges of color 1.

$\#K_4^b(1)$: the number of cliques in K of four roots that do not sum up to a double root in Λ , with only edges of color 1.

Roots of the form $(\pm\frac{1}{2}, \dots, \pm\frac{1}{2})$ are ordered lexicographically and denoted by numbers 1 – 128; for example, $(-\frac{1}{2}, \dots, -\frac{1}{2})$ is number 1, and $(\frac{1}{2}, \dots, \frac{1}{2})$ number 128. Permutations of $(\pm 1, \pm 1, 0, 0, 0, 0, 0, 0)$ are ordered lexicographically and denoted by the numbers 129 – 240; for example, $(-1, -1, 0, 0, 0, 0, 0, 0)$ is number 129, and $(1, 1, 0, 0, 0, 0, 0, 0)$ is number 240.

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
1	12	1176	36	0	$\{1,2,3,4,5,9,17,19,34,37,41,49,65,66,129,130,131,132,133,146,148,155,156,158,165,166,167,173,174\}$
2	48	2352	8	0	$\{1,2,3,4,5,6,8,9,10,12,14,17,18,20,22,26,129,130,131,132,133,134,137,138,143,144,145,148,149\}$
3	12	2008	12	0	$\{1,2,3,4,5,6,8,9,10,17,34,42,66,129,130,131,132,133,137,143,145,146,150,155,156,157,160,165,166\}$
4	8	1256	32	0	$\{1,2,3,4,5,6,9,12,14,17,34,42,50,65,66,129,130,131,132,133,145,146,150,155,156,157,160,169,173\}$
5	96	1288	36	0	$\{1,2,3,4,5,6,9,10,17,19,21,25,35,37,41,65,129,130,131,132,133,134,147,148,158,165,166,173\}$
6	16	1256	28	0	$\{1,2,3,4,5,6,9,17,19,25,37,41,129,130,131,132,133,134,135,143,146,147,148,156,158,165,166,167,173\}$
7	1	800	45	0	$\{1,2,3,4,5,7,9,10,13,14,16,34,37,38,41,43,129,130,131,132,133,138,139,142,155,158,159,160,161\}$
8	4	816	49	0	$\{1,2,3,4,5,7,9,10,12,13,15,16,35,38,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
9	1	800	45	0	$\{1,2,3,4,5,7,9,11,12,13,14,16,34,39,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
10	4	800	45	0	$\{1,2,3,4,5,7,9,13,14,16,34,37,38,39,41,43,129,130,131,132,133,138,142,155,156,158,159,160,161\}$
11	2	792	43	0	$\{1,2,3,4,5,7,9,12,14,16,34,36,38,39,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
12	2	808	47	0	$\{1,2,3,4,5,7,9,12,13,14,15,16,38,39,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
13	12	832	53	0	$\{1,2,3,5,7,9,11,12,13,14,16,34,39,41,43,45,129,130,131,132,133,135,137,142,155,156,157,159,161\}$
14	4	808	47	0	$\{1,2,3,5,7,9,11,12,14,16,34,36,39,41,43,45,129,130,131,132,133,135,137,138,142,155,156,159,161\}$
15	4	1440	25	0	$\{1,2,3,4,5,6,8,9,17,20,34,38,42,65,66,129,130,131,132,133,143,146,150,155,156,160,165,166,169\}$
16	4	1400	28	0	$\{1,2,3,4,5,6,9,17,19,25,34,35,37,65,129,130,131,132,133,134,143,144,148,156,158,165,166,167,173\}$
17	2	1392	26	0	$\{1,2,3,4,5,6,9,17,19,35,37,41,129,130,131,132,133,134,135,143,147,148,155,156,158,165,166,167,173\}$
18	16	976	42	0	$\{1,2,3,5,9,13,17,19,34,35,37,41,49,66,129,130,131,132,133,135,148,155,156,158,166,167,173,174,179\}$
19	16	1240	32	0	$\{1,2,3,4,5,6,7,9,17,19,21,41,49,65,66,129,130,131,132,133,145,146,147,148,155,158,165,166,167\}$
20	2	632	52	0	$\{1,2,3,5,7,9,10,19,21,34,41,49,65,66,129,130,131,132,133,145,146,148,155,158,159,165,166,174,179\}$
21	2	624	50	0	$\{1,2,3,5,7,9,10,13,19,21,34,35,41,49,65,66,129,130,131,132,133,145,148,155,158,159,166,174,179\}$
22	4	624	50	0	$\{1,2,3,5,7,9,11,13,18,19,21,34,41,49,65,66,129,130,131,132,133,145,146,148,155,159,167,174,179\}$
23	4	640	54	0	$\{1,2,3,5,6,7,9,10,19,25,35,37,41,49,65,66,129,130,131,132,133,147,148,156,158,159,165,166,179\}$
24	16	616	48	0	$\{1,2,3,5,7,11,18,19,25,34,37,49,65,66,129,130,131,132,133,144,146,148,156,159,165,167,168,174,179\}$
25	4	632	52	0	$\{1,2,3,5,7,10,18,19,25,35,37,49,65,66,129,130,131,132,133,144,147,148,156,159,165,166,168,174,179\}$
26	32	648	56	0	$\{1,2,3,5,6,11,18,19,25,35,37,49,65,66,129,130,131,132,133,144,147,148,156,159,165,166,168,173,179\}$
27	48	680	64	0	$\{1,2,3,4,5,13,21,25,37,49,65,66,129,130,131,132,133,144,146,147,148,157,158,159,166,167,168,173,174\}$
28	2	656	50	0	$\{1,2,3,5,7,9,12,14,16,34,36,38,39,41,43,45,129,130,131,132,133,135,138,142,155,156,158,159,161\}$
29	2	648	48	0	$\{1,2,3,5,7,9,11,14,15,16,36,37,39,41,43,45,129,130,131,132,133,135,137,139,142,155,157,159,161\}$
30	1	664	52	0	$\{1,2,3,5,7,9,10,12,15,16,35,36,38,41,43,45,129,130,131,132,133,135,138,139,142,155,158,159,161\}$
31	4	664	52	0	$\{1,2,3,5,7,9,10,12,15,16,35,36,38,41,43,45,129,130,131,132,133,137,138,139,142,155,159,160,161\}$
32	4	648	48	0	$\{1,2,3,5,7,9,10,14,15,16,36,37,38,41,43,45,129,130,131,132,133,135,138,140,142,156,158,159,161\}$
33	8	680	56	0	$\{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132,133,138,139,140,143,158,159,160,161\}$
34	4	656	50	0	$\{1,2,3,5,7,9,10,12,15,16,35,36,38,41,43,45,129,130,131,132,133,137,139,140,142,157,159,160,161\}$

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
35	16	664	52	0	{1,2,3,5,7,18,20,22,23,24,36,38,40,49,51,53,129,130,131,132, 133,135,141,144,165,166,167,168,170}
36	2	656	50	0	{1,2,3,5,7,18,19,20,24,34,35,36,40,49,51,53,129,130,131,132, 133,138,139,141,144,167,168,169,170}
37	12	688	58	0	{1,2,3,4,5,21,22,23,24,37,38,39,40,49,50,51,129,130,131,132, 133,135,139,141,144,166,167,168,170}
38	48	1416	34	0	{1,2,3,4,5,9,13,17,34,35,37,41,49,65,129,130,131,132,133, 134,148,155,156,157,158,166,167,173,174}
39	48	1184	36	0	{1,2,3,4,5,6,9,17,25,35,37,41,49,65,129,130,131,132,133,134, 147,148,156,157,158,165,166,167,173}
40	2	952	38	0	{1,2,3,4,5,6,9,12,17,18,22,36,38,42,50,65,66,129,130,131, 132,133,149,150,155,157,165,169,173}
41	2	968	42	0	{1,2,3,4,5,6,9,12,14,17,18,36,38,42,50,65,66,129,130,131, 132,133,149,150,155,156,157,169,173}
42	2	960	40	0	{1,2,3,4,5,6,9,12,14,17,20,34,38,42,50,65,66,129,130,131, 132,133,146,150,155,156,160,169,173}
43	1	952	38	0	{1,2,3,4,5,6,9,14,17,20,36,42,50,65,66,129,130,131,132,133, 145,149,150,155,156,160,166,169,173}
44	2	960	40	0	{1,2,3,4,5,6,9,14,17,22,36,42,50,65,66,129,130,131,132,133, 145,149,150,155,157,160,166,169,173}
45	4	640	56	0	{1,2,3,5,7,9,10,19,21,35,41,49,65,66,129,130,131,132,133, 145,147,148,155,158,159,165,166,174,179}
46	2	616	50	0	{1,2,3,5,7,9,11,19,21,34,41,49,65,66,129,130,131,132,133, 145,146,148,155,158,159,165,167,174,179}
47	8	624	52	0	{1,2,3,5,7,9,19,21,34,41,49,66,129,130,131,132,133,135,145, 146,148,155,158,159,165,166,167,174,179}
48	2	624	52	0	{1,2,3,5,7,9,10,19,21,25,34,35,41,49,65,66,129,130,131,132, 133,145,148,158,159,165,166,174,179}
49	24	656	60	0	{1,2,3,5,6,9,10,19,21,25,35,37,41,49,65,66,129,130,131,132, 133,147,148,158,159,165,166,173,179}
50	2	624	52	0	{1,2,3,5,7,11,13,18,25,35,49,66,129,130,131,132,133,135,144, 145,147,148,156,157,159,167,168,174,179}
51	2	616	50	0	{1,2,3,5,7,10,11,18,19,25,37,49,65,66,129,130,131,132,133, 144,146,147,148,156,159,165,168,174,179}
52	4	624	52	0	{1,2,3,5,7,11,18,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,156,157,159,165,167,168,174,179}
53	4	640	56	0	{1,2,3,4,5,10,11,13,21,25,37,49,65,66,129,130,131,132,133, 144,146,147,148,157,158,159,168,173,174}
54	4	480	56	0	{1,2,3,5,10,13,21,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,157,158,159,166,168,173,174,179}
55	4	488	58	0	{1,2,3,5,11,13,19,25,37,49,65,66,129,130,131,132,133,144,146, 147,148,156,158,159,167,168,173,174,179}
56	48	504	62	0	{1,2,3,5,11,13,25,35,37,49,65,66,129,130,131,132,133,144,147, 148,156,157,158,159,167,168,173,174,179}
57	1152	1032	44	0	{1,2,3,4,9,10,11,17,18,21,25,33,34,35,41,49,67,69,129,130, 131,134,135,145,157,165,173,174,175}
58	4	376	62	0	{1,2,3,5,11,18,21,25,37,41,66,67,129,130,131,132,135,143,146, 147,148,157,159,165,167,168,173,174,179}
59	36	384	64	0	{1,2,3,5,11,18,21,25,34,37,41,65,66,67,129,130,131,132,143, 146,148,157,159,165,167,168,173,174,179}
60	16	392	66	0	{1,2,3,5,19,21,25,34,37,41,66,67,129,130,131,132,135,143,146, 148,158,159,165,166,167,168,173,174,179}
61	20	368	60	0	{1,2,3,5,10,19,25,37,41,49,66,67,129,130,131,132,135,146,147, 148,156,158,159,165,166,168,173,174,179}
62	96	424	74	0	{1,2,3,4,5,10,13,19,21,25,37,41,49,65,66,67,129,130,131,132, 146,147,148,158,159,166,168,173,174}
63	1440	488	90	0	{1,2,3,4,5,13,21,25,37,41,49,65,66,67,129,130,131,132,146, 147,148,157,158,159,166,167,168,173,174}
64	24	360	58	0	{1,2,3,9,11,13,18,19,37,49,66,69,129,130,131,133,135,144,146, 147,148,155,156,159,167,173,174,175,179}
65	240	1888	20	0	{1,2,3,4,5,6,9,10,17,34,35,37,41,65,129,130,131,132,133,134, 143,148,155,156,157,158,165,166,173}
66	4	1744	18	0	{1,2,3,4,5,6,8,9,11,12,15,17,19,20,23,26,129,130,131,132, 133,134,137,138,139,143,144,148,149}
67	4	1776	16	0	{1,2,3,4,5,6,8,9,12,13,17,18,19,22,23,26,129,130,131,132, 133,134,135,138,143,144,145,147,148}
68	4	1616	20	0	{1,2,3,4,5,6,8,9,14,17,18,20,21,22,23,26,129,130,131,132, 133,134,139,140,143,146,147,148,149}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
69	24	1632	24	0	{1,2,3,4,5,6,8,9,12,17,20,33,34,38,42,50,66,129,130,131, 132,133,137,146,155,156,160,165,169}
70	192	2264	7	84	{1,2,3,4,5,6,8,9,10,11,17,18,21,26,129,130,131,132,133,134, 135,143,144,145,146,147,148,157,165}
71	8	872	42	0	{1,2,3,4,5,9,11,13,17,19,21,34,35,37,41,49,65,66,129,130, 131,132,133,148,155,158,167,173,174}
72	4	880	44	0	{1,2,3,4,5,9,11,13,17,21,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,157,158,167,173,174}
73	12	1344	33	0	{1,2,3,4,5,9,13,17,34,35,41,49,65,129,130,131,132,133,134, 145,148,155,156,157,158,166,167,173,174}
74	8	736	48	0	{1,2,3,5,7,9,18,19,21,35,41,49,65,66,129,130,131,132,133, 145,147,148,155,159,165,166,167,174,179}
75	16	1952	12	0	{1,2,3,4,5,6,8,9,11,12,14,17,18,20,23,26,129,130,131,132, 133,134,135,137,138,143,144,145,148}
76	4	1584	20	0	{1,2,3,4,5,6,9,10,11,17,18,21,25,35,37,65,129,130,131,132, 133,134,143,144,147,148,157,165,173}
77	8	1592	22	0	{1,2,3,4,5,6,9,10,11,17,19,21,25,35,37,65,129,130,131,132, 133,134,143,144,147,148,158,165,173}
78	240	1208	40	0	{1,2,3,5,7,8,9,11,12,15,33,35,36,39,43,45,129,130,131,132, 133,138,139,140,142,158,159,160,161}
79	6	1232	34	0	{1,2,3,4,5,9,13,17,18,34,35,41,49,65,66,129,130,131,132,133, 145,148,155,156,157,166,167,173,174}
80	8	520	53	0	{1,2,3,5,7,18,22,23,24,36,37,38,40,49,51,53,129,130,131,132, 133,135,138,141,144,165,167,168,170}
81	2	520	53	0	{1,2,3,5,7,18,19,22,24,34,36,37,40,49,51,53,129,130,131,132, 133,138,139,141,144,167,168,169,170}
82	4	536	57	0	{1,2,3,5,7,18,20,22,24,34,36,38,40,49,51,53,129,130,131,132, 133,138,139,141,144,167,168,169,170}
83	4	528	55	0	{1,2,3,5,7,18,24,34,35,36,37,38,40,49,51,53,129,130,131,132, 133,138,139,141,144,167,168,169,170}
84	2	528	55	0	{1,2,3,5,7,18,23,24,35,36,37,38,40,49,51,53,129,130,131,132, 133,138,141,144,165,167,168,169,170}
85	4	528	55	0	{1,2,3,5,7,20,22,24,34,36,38,39,40,49,51,53,129,130,131,132, 133,138,141,144,165,167,168,169,170}
86	16	544	59	0	{1,2,3,5,6,18,19,23,24,35,36,37,40,49,50,53,129,130,131,132, 133,138,139,141,144,167,168,169,170}
87	2	536	57	0	{1,2,3,4,5,21,22,23,24,37,38,39,40,49,50,51,129,130,131,132, 133,135,138,141,144,165,167,168,170}
88	20	528	55	0	{1,2,3,4,5,19,22,23,24,36,37,39,40,49,50,51,129,130,131,132, 133,135,139,141,144,166,167,168,170}
89	24	552	61	0	{1,2,3,4,5,23,24,35,36,37,38,39,40,49,50,51,129,130,131,132, 133,138,139,141,144,167,168,169,170}
90	8	560	63	0	{1,2,3,4,5,21,22,23,24,37,38,39,40,49,50,51,129,130,131,132, 133,138,139,141,144,167,168,169,170}
91	240	608	75	0	{1,2,3,5,9,19,20,23,27,35,36,39,43,67,68,129,130,131,132, 138,143,151,162,165,167,169,174,176,184}
92	12	784	49	0	{1,2,3,5,7,19,20,21,22,24,34,39,40,49,51,53,129,130,131,132, 133,135,137,144,155,165,166,168,170}
93	8	600	52	0	{1,2,3,5,11,18,19,25,37,49,65,66,129,130,131,132,133,144,146, 147,148,156,159,165,167,168,173,174,179}
94	4	608	54	0	{1,2,3,5,10,11,13,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,156,157,158,159,168,173,174,179}
95	240	1568	35	0	{1,2,3,5,8,9,12,14,15,17,20,22,23,26,27,29,129,130,131,132, 133,134,137,139,140,141,146,148,149}
96	12	1344	32	0	{1,2,3,4,5,6,9,17,25,34,35,37,41,65,129,130,131,132,133,134, 143,148,156,157,158,165,166,167,173}
97	8	1520	26	0	{1,2,3,4,5,6,9,17,19,34,35,37,41,65,129,130,131,132,133,134, 143,148,155,156,158,165,166,167,173}
98	12	992	40	0	{1,2,3,4,5,9,13,17,19,34,35,37,41,49,65,66,129,130,131,132, 133,148,155,156,158,166,167,173,174}
99	2	1632	20	0	{1,2,3,4,5,6,9,11,17,25,34,35,65,129,130,131,132,133,134, 143,144,145,148,156,157,158,165,166,173}
100	2	1632	20	0	{1,2,3,4,5,6,9,10,17,19,25,34,35,41,65,129,130,131,132,133, 134,143,145,148,156,158,165,166,173}
101	4	1808	15	0	{1,2,3,4,5,6,8,9,13,14,17,18,21,22,23,26,129,130,131,132, 133,134,137,138,139,143,144,148,149}
102	8	720	48	0	{1,2,3,5,7,9,13,18,19,21,25,35,41,49,65,66,129,130,131,132, 133,145,147,148,159,166,167,174,179}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
103	2	1072	34	0	{1,2,3,4,5,6,9,11,13,17,18,19,21,35,37,41,65,66,129,130, 131,132,133,143,147,148,155,167,173}
104	1	1080	36	0	{1,2,3,4,5,6,9,10,11,17,19,37,41,49,65,66,129,130,131,132, 133,146,147,148,155,156,158,165,173}
105	2	1072	34	0	{1,2,3,4,5,6,9,10,11,13,17,19,35,37,41,49,65,66,129,130, 131,132,133,147,148,155,156,158,173}
106	4	1088	38	0	{1,2,3,4,5,6,7,9,10,17,19,21,35,37,41,49,65,66,129,130,131, 132,133,147,148,155,158,165,166}
107	2	496	56	0	{1,2,3,5,7,11,13,18,25,34,35,49,65,66,129,130,131,132,133, 144,145,148,156,157,159,167,168,174,179}
108	4	488	54	0	{1,2,3,5,7,13,18,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,156,157,159,166,167,168,174,179}
109	8	504	58	0	{1,2,3,5,7,11,13,18,25,35,37,49,65,66,129,130,131,132,133, 144,147,148,156,157,159,167,168,174,179}
110	4	512	60	0	{1,2,3,4,5,10,13,21,25,35,37,49,65,66,129,130,131,132,133, 144,147,148,157,158,159,166,168,173,174}
111	4	1376	28	0	{1,2,3,4,5,6,9,17,18,21,35,41,65,66,129,130,131,132,133,143, 145,147,148,155,157,165,166,167,173}
112	12	1376	28	0	{1,2,3,4,5,6,7,9,10,11,13,17,35,37,41,49,65,66,129,130,131, 132,133,147,148,155,156,157,158}
113	4	1168	36	0	{1,2,3,4,5,6,9,17,35,37,41,49,65,66,129,130,131,132,133,147, 148,155,156,157,158,165,166,167,173}
114	4	736	46	0	{1,2,3,5,7,9,11,21,34,35,41,49,65,66,129,130,131,132,133, 145,148,155,157,158,159,165,167,174,179}
115	2	744	48	0	{1,2,3,5,7,9,21,34,35,41,49,66,129,130,131,132,133,135,145, 148,155,157,158,159,165,166,167,174,179}
116	8	760	52	0	{1,2,3,5,7,9,10,19,21,25,35,37,41,66,129,130,131,132,133, 135,143,147,148,158,159,165,166,174,179}
117	2	744	48	0	{1,2,3,5,7,9,10,19,21,25,35,41,49,66,129,130,131,132,133, 135,145,147,148,158,159,165,166,174,179}
118	8	1568	22	0	{1,2,3,4,5,6,8,9,11,14,15,17,20,21,23,26,129,130,131,132, 133,134,137,138,139,143,144,148,149}
119	4	1992	12	0	{1,2,3,4,5,6,8,9,12,14,17,18,20,22,23,26,129,130,131,132, 133,134,135,137,139,143,144,146,148}
120	2	784	45	0	{1,2,3,4,5,7,9,12,14,15,16,36,38,39,41,43,129,130,131,132, 133,137,139,142,155,157,159,160,161}
121	2	784	45	0	{1,2,3,5,7,9,13,14,16,34,37,38,39,41,43,45,129,130,131,132, 133,135,138,142,155,156,158,159,161}
122	16	792	47	0	{1,2,3,5,7,9,12,16,34,35,36,38,39,41,43,45,129,130,131,132, 133,135,138,139,142,155,158,159,161}
123	4	792	47	0	{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132, 133,135,139,142,155,157,158,159,161}
124	4	792	47	0	{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132, 133,135,138,140,143,156,158,159,161}
125	24	416	64	0	{1,2,3,5,11,13,18,25,35,37,49,65,66,129,130,131,132,133,144, 147,148,156,157,159,167,168,173,174,179}
126	4	400	60	0	{1,2,3,5,10,13,19,25,35,37,49,65,66,129,130,131,132,133,144, 147,148,156,158,159,166,168,173,174,179}
127	16	432	68	0	{1,2,3,5,6,11,19,25,37,41,49,65,66,129,130,131,132,133,146, 147,148,156,158,159,165,167,168,173,179}
128	4	392	58	0	{1,2,3,5,11,18,25,37,41,66,67,129,130,131,132,135,143,146, 147,148,156,157,159,165,167,168,173,174,179}
129	4	408	62	0	{1,2,3,5,11,18,21,25,34,37,41,66,67,129,130,131,132,135,143, 146,148,157,159,165,167,168,173,174,179}
130	4	408	62	0	{1,2,3,5,11,18,21,25,35,37,41,66,67,129,130,131,132,135,143, 147,148,157,159,165,167,168,173,174,179}
131	16	416	64	0	{1,2,3,5,21,25,34,37,41,66,67,129,130,131,132,135,143,146, 148,157,158,159,165,166,167,168,173,174,179}
132	192	480	80	0	{1,2,3,4,5,13,19,21,25,37,41,49,65,66,67,129,130,131,132, 146,147,148,158,159,166,167,168,173,174}
133	128	416	64	0	{1,2,3,9,10,21,25,37,41,49,67,69,129,130,131,134,135,146, 147,148,157,158,159,165,166,173,174,175}
134	64	384	56	0	{1,2,3,9,11,13,18,19,35,37,49,66,69,129,130,131,133,135,144, 147,148,155,156,159,167,173,174,175,179}
135	720	728	60	0	{1,2,3,5,9,19,21,25,35,37,41,49,65,66,129,130,131,132,133, 147,148,158,159,165,166,167,173,174,179}
136	12	624	60	0	{1,2,3,5,7,9,10,19,21,25,35,37,41,49,65,66,129,130,131,132, 133,147,148,158,159,165,166,174,179}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
137	4	592	52	0	{1,2,3,5,7,9,18,21,25,35,41,49,65,66,129,130,131,132,133, 145,147,148,157,159,165,166,167,174,179}
138	16	608	56	0	{1,2,3,5,11,13,25,49,65,66,129,130,131,132,133,144,145,146, 147,148,156,157,158,159,167,168,173,174,179}
139	24	592	52	0	{1,2,3,5,11,13,18,25,34,41,66,67,129,130,131,132,135,143,145, 146,148,156,157,159,167,168,173,174,179}
140	192	1344	33	0	{1,2,3,5,9,10,17,34,35,37,49,65,66,129,130,131,132,133,144, 148,155,156,157,158,165,166,173,174,179}
141	20	1808	15	0	{1,2,3,4,5,6,9,10,17,20,33,42,66,129,130,131,132,133,137, 143,145,146,149,155,156,160,165,166,173}
142	8	1960	12	0	{1,2,3,4,5,6,8,9,11,12,13,17,18,19,23,26,129,130,131,132, 133,134,137,143,144,145,146,148,149}
143	16	664	52	0	{1,2,3,5,7,11,13,18,25,49,66,129,130,131,132,133,135,144,145, 146,147,148,156,157,159,167,168,174,179}
144	18	648	48	0	{1,2,3,5,7,10,11,13,18,19,25,37,49,65,66,129,130,131,132, 133,144,146,147,148,156,159,168,174,179}
145	24	664	52	0	{1,2,3,4,5,10,11,13,19,21,25,37,49,65,66,129,130,131,132, 133,144,146,147,148,158,159,168,173,174}
146	432	696	60	0	{1,2,3,4,5,6,11,13,25,35,37,41,49,65,66,129,130,131,132,133, 147,148,156,157,158,159,167,168,173}
147	4	680	52	0	{1,2,3,4,5,7,9,10,14,15,16,36,37,38,41,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}
148	2	664	48	0	{1,2,3,4,5,7,9,12,13,14,16,34,38,39,41,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}
149	6	672	50	0	{1,2,3,5,7,9,11,12,14,16,34,36,39,41,43,45,129,130,131,132, 133,135,137,139,142,155,157,159,161}
150	4	672	50	0	{1,2,3,5,7,9,10,12,16,34,35,36,38,41,43,45,129,130,131,132, 133,138,139,140,143,158,159,160,161}
151	72	712	60	0	{1,2,3,4,5,6,9,10,15,16,35,36,37,38,41,42,129,130,131,132, 133,138,139,140,142,158,159,160,161}
152	8	760	48	0	{1,2,3,5,7,9,11,13,19,21,34,41,49,66,129,130,131,132,133, 135,145,146,148,155,158,159,167,174,179}
153	48	1704	25	0	{1,2,3,4,5,6,8,9,12,14,17,18,20,22,23,26,129,130,131,132, 133,134,137,138,139,140,141,148,149}
154	4	1640	18	0	{1,2,3,4,5,6,8,9,10,17,36,42,66,129,130,131,132,133,137,143, 145,149,150,155,156,157,160,165,166}
155	8	1648	20	0	{1,2,3,4,5,6,9,10,14,17,20,33,36,42,66,129,130,131,132,133, 137,143,145,149,155,156,160,166,173}
156	4	1408	24	0	{1,2,3,4,5,6,9,11,17,21,25,35,37,41,129,130,131,132,133,134, 135,143,147,148,157,158,165,167,173}
157	12	1200	34	0	{1,2,3,4,5,6,9,11,13,17,19,21,35,37,41,66,129,130,131,132, 133,135,143,147,148,155,158,167,173}
158	24	1032	41	0	{1,2,3,5,7,8,9,11,15,33,35,36,37,39,43,45,129,130,131,132, 133,137,138,139,140,142,159,160,161}
159	12	1592	22	0	{1,2,3,4,5,6,9,13,17,18,34,35,41,65,66,129,130,131,132,133, 143,145,148,155,156,157,166,167,173}
160	24	1600	24	0	{1,2,3,4,5,6,9,10,17,22,34,36,42,65,66,129,130,131,132,133, 143,145,150,155,157,160,165,166,173}
161	2	1080	37	0	{1,2,3,4,5,9,14,17,34,36,42,50,66,129,130,131,132,133,137, 145,150,155,156,157,160,166,169,173,176}
162	4	1080	37	0	{1,2,3,4,5,8,9,14,17,20,22,38,42,50,66,129,130,131,132,133, 137,146,149,150,155,160,166,169,176}
163	8	1088	39	0	{1,2,3,5,9,10,11,13,17,34,35,37,49,65,66,129,130,131,132, 133,144,148,155,156,157,158,173,174,179}
164	12	1072	35	0	{1,2,3,5,9,12,14,17,18,20,22,36,38,50,66,129,130,131,132, 133,137,144,149,150,155,169,173,176,181}
165	72	1088	39	0	{1,2,3,5,7,8,9,11,12,16,34,35,36,39,43,45,129,130,131,132, 133,135,137,138,142,155,156,159,161}
166	4	768	44	0	{1,2,3,4,5,7,9,11,18,21,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,157,159,165,167,174}
167	2	776	46	0	{1,2,3,4,5,7,9,13,18,19,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,156,159,166,167,174}
168	8	800	52	0	{1,2,3,4,5,7,9,10,13,18,21,35,41,49,65,66,129,130,131,132, 133,145,147,148,155,157,159,166,174}
169	2	768	44	0	{1,2,3,4,5,7,9,10,13,18,19,37,41,49,65,66,129,130,131,132, 133,146,147,148,155,156,159,166,174}
170	12	1168	38	0	{1,2,3,5,8,9,12,14,17,18,20,22,36,38,42,50,66,129,130,131, 132,133,137,149,150,155,169,176,181}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
171	12	1776	19	0	{1,2,3,4,5,6,8,9,11,12,14,15,17,20,23,26,129,130,131,132, 133,134,137,138,139,143,144,148,149}
172	14	1288	28	0	{1,2,3,4,5,6,9,11,17,18,19,35,37,41,66,129,130,131,132,133, 135,143,147,148,155,156,165,167,173}
173	48	1304	32	0	{1,2,3,4,5,6,7,9,10,11,17,18,19,35,37,41,49,65,66,129,130, 131,132,133,147,148,155,156,165}
174	240	1568	30	0	{1,2,3,4,5,6,7,9,17,25,34,35,37,65,129,130,131,132,133,134, 143,144,148,156,157,158,165,166,167}
175	12	1936	14	0	{1,2,3,4,5,6,8,9,11,12,13,14,17,18,23,26,129,130,131,132, 133,134,135,137,143,144,145,146,148}
176	48	896	50	0	{1,2,3,5,7,9,10,17,19,21,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,158,165,166,174,179}
177	4	1216	30	0	{1,2,3,4,5,6,9,13,17,18,19,21,35,41,65,66,129,130,131,132, 133,143,145,147,148,155,166,167,173}
178	2	1224	32	0	{1,2,3,4,5,6,9,17,18,19,21,35,37,41,65,66,129,130,131,132, 133,143,147,148,155,165,166,167,173}
179	16	1760	19	0	{1,2,3,4,5,6,9,17,18,34,35,41,65,129,130,131,132,133,134, 143,145,148,155,156,157,165,166,167,173}
180	2	1240	30	0	{1,2,3,4,5,6,9,13,17,18,21,35,41,66,129,130,131,132,133,135, 143,145,147,148,155,157,166,167,173}
181	2	1240	30	0	{1,2,3,4,5,6,9,17,18,19,35,37,41,66,129,130,131,132,133,135, 143,147,148,155,156,165,166,167,173}
182	24	1264	36	0	{1,2,3,4,5,6,7,9,10,13,17,18,21,35,41,49,65,66,129,130,131, 132,133,145,147,148,155,157,166}
183	4	1248	32	0	{1,2,3,4,5,6,7,9,10,17,18,19,35,37,41,49,65,66,129,130,131, 132,133,147,148,155,156,165,166}
184	16	1440	25	0	{1,2,3,4,5,6,9,17,20,36,42,65,66,129,130,131,132,133,143, 145,149,150,155,156,160,165,166,169,173}
185	24	1440	25	0	{1,2,3,4,5,6,9,10,12,14,17,20,22,36,38,42,66,129,130,131, 132,133,137,143,149,150,155,160,173}
186	32	1512	26	0	{1,2,3,4,5,6,9,17,34,41,49,65,129,130,131,132,133,134,145, 146,148,155,156,157,158,165,166,167,173}
187	12	1480	27	0	{1,2,3,4,5,6,9,10,17,20,22,33,36,38,42,65,66,129,130,131, 132,133,143,149,155,160,165,166,173}
188	2	1464	23	0	{1,2,3,4,5,6,9,17,20,33,38,42,66,129,130,131,132,133,137, 143,146,149,155,156,160,165,166,169,173}
189	192	808	46	0	{1,2,3,4,9,10,13,17,18,21,25,33,34,35,41,49,67,69,129,130, 131,134,135,145,157,166,173,174,175}
190	12	920	42	0	{1,2,3,5,7,9,10,14,16,34,36,37,38,41,43,45,129,130,131,132, 133,134,138,142,155,156,158,159,160}
191	8	928	44	0	{1,2,3,5,7,9,11,14,16,34,36,37,39,41,43,45,129,130,131,132, 133,134,137,142,155,156,157,159,160}
192	4	920	42	0	{1,2,3,5,7,9,12,16,34,35,36,38,39,41,43,45,129,130,131,132, 133,135,142,155,156,157,158,159,161}
193	8	928	44	0	{1,2,3,5,7,9,10,11,15,16,35,36,37,41,43,45,129,130,131,132, 133,135,138,139,142,155,158,159,161}
194	144	1216	36	0	{1,2,3,4,5,7,9,11,13,34,37,41,49,66,129,130,131,132,133,135, 146,148,155,156,157,158,159,167,174}
195	72	1200	32	0	{1,2,3,4,5,7,9,10,11,13,21,34,35,37,41,49,65,66,129,130, 131,132,133,148,155,157,158,159,174}
196	8	1408	28	0	{1,2,3,4,5,6,9,10,17,19,25,34,35,37,41,65,129,130,131,132, 133,134,143,148,156,158,165,166,173}
197	2	1400	26	0	{1,2,3,4,5,6,9,17,19,25,34,35,37,41,129,130,131,132,133,134, 135,143,148,156,158,165,166,167,173}
198	24	1392	28	0	{1,2,3,4,5,6,9,17,19,21,35,37,41,65,129,130,131,132,133,134, 143,147,148,155,158,165,166,167,173}
199	4	1032	38	0	{1,2,3,4,5,7,9,11,13,17,21,34,35,37,41,49,65,66,129,130, 131,132,133,148,155,157,158,167,174}
200	24	1048	42	0	{1,2,3,4,5,7,9,13,17,21,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,157,158,166,167,174}
201	24	1152	40	0	{1,2,3,5,7,9,17,19,34,35,37,41,49,66,129,130,131,132,133, 135,148,155,156,158,165,166,167,174,179}
202	4	1424	24	0	{1,2,3,4,5,6,9,10,11,17,21,25,34,35,37,65,129,130,131,132, 133,134,143,144,148,157,158,165,173}
203	48	1920	16	0	{1,2,3,4,5,6,9,10,11,13,17,18,19,21,25,35,37,65,129,130, 131,132,133,134,143,144,147,148,173}
204	2	1424	26	0	{1,2,3,4,5,6,9,10,17,19,21,25,34,35,37,65,129,130,131,132, 133,134,143,144,148,158,165,166,173}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
205	2	1416	24	0	{1,2,3,4,5,6,9,11,17,19,21,25,34,35,37,65,129,130,131,132, 133,134,143,144,148,158,165,167,173}
206	48	1232	40	0	{1,2,3,5,9,17,34,35,37,41,49,66,129,130,131,132,133,135,148, 155,156,157,158,165,166,167,173,174,179}
207	2	920	40	0	{1,2,3,4,5,6,9,13,17,19,21,35,41,49,65,66,129,130,131,132, 133,145,147,148,155,158,166,167,173}
208	12	944	46	0	{1,2,3,4,5,7,9,13,17,18,21,35,41,49,65,66,129,130,131,132, 133,145,147,148,155,157,166,167,174}
209	16	928	42	0	{1,2,3,4,5,7,9,11,13,17,18,37,41,49,65,66,129,130,131,132, 133,146,147,148,155,156,167,174}
210	12	1696	22	0	{1,2,3,4,5,6,9,17,34,35,37,41,129,130,131,132,133,134,135, 143,148,155,156,157,158,165,166,167,173}
211	24	520	61	0	{1,2,3,5,11,21,25,41,49,65,66,129,130,131,132,133,145,146, 147,148,157,158,159,165,167,168,173,174,179}
212	16	496	55	0	{1,2,3,4,9,10,18,21,25,33,37,41,49,67,69,129,130,131,134, 135,146,147,157,159,165,166,173,174,175}
213	8	1072	38	0	{1,2,3,4,5,6,9,13,17,21,34,35,41,49,65,66,129,130,131,132, 133,145,148,155,157,158,166,167,173}
214	48	1000	45	0	{1,2,3,5,7,9,11,15,16,35,36,37,39,41,43,45,129,130,131,132, 133,135,138,139,140,142,158,159,161}
215	24	1416	31	0	{1,2,3,4,5,6,9,12,14,15,17,20,22,23,25,26,129,130,131,132, 133,134,137,138,139,143,144,148,149}
216	48	1368	32	0	{1,2,3,4,5,6,9,10,17,18,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,156,157,165,166,173}
217	4	1072	36	0	{1,2,3,4,5,6,9,11,17,19,21,35,37,41,65,66,129,130,131,132, 133,143,147,148,155,158,165,167,173}
218	4	1064	34	0	{1,2,3,4,5,6,9,17,19,21,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,158,165,166,167,173}
219	8	1080	38	0	{1,2,3,4,5,6,7,9,13,17,21,35,41,49,65,66,129,130,131,132, 133,145,147,148,155,157,158,166,167}
220	20	1568	20	0	{1,2,3,4,5,6,9,17,19,34,35,41,129,130,131,132,133,134,135, 143,145,148,155,156,158,165,166,167,173}
221	384	1376	40	0	{1,2,3,5,8,9,12,14,17,20,22,26,36,38,42,50,66,129,130,131, 132,133,137,149,150,160,169,176,181}
222	1	1112	33	0	{1,2,3,4,5,6,9,17,20,36,38,42,66,129,130,131,132,133,137, 143,149,150,155,156,160,165,166,169,173}
223	2	1120	35	0	{1,2,3,4,5,6,9,12,17,18,20,36,38,42,50,65,66,129,130,131, 132,133,149,150,155,156,165,169,173}
224	4	1128	37	0	{1,2,3,4,5,6,9,14,17,22,34,36,42,50,66,129,130,131,132,133, 137,145,150,155,157,160,166,169,173}
225	4	1120	35	0	{1,2,3,4,5,6,9,12,14,17,20,22,34,36,42,50,66,129,130,131, 132,133,137,145,150,155,160,169,173}
226	24	2112	12	0	{1,2,3,4,5,6,8,9,11,13,17,18,19,21,23,26,129,130,131,132, 133,134,135,138,143,144,145,147,148}
227	12	1136	35	0	{1,2,3,4,5,6,7,9,12,14,15,16,36,38,39,41,129,130,131,132, 133,134,135,138,142,155,156,158,159}
228	2	1128	33	0	{1,2,3,4,5,6,7,9,11,14,15,16,36,37,39,41,129,130,131,132, 133,134,137,138,142,155,156,159,160}
229	12	1120	31	0	{1,2,3,4,5,6,7,9,11,12,15,16,35,36,39,41,129,130,131,132, 133,134,137,139,142,155,157,159,160}
230	8	1128	33	0	{1,2,3,4,5,6,7,9,12,14,16,34,36,38,39,41,129,130,131,132, 133,135,138,142,155,156,158,159,161}
231	4	1592	22	0	{1,2,3,4,5,6,9,17,34,35,41,129,130,131,132,133,134,135,143, 145,148,155,156,157,158,165,166,167,173}
232	24	1600	24	0	{1,2,3,4,5,6,8,9,10,12,15,17,19,20,22,26,129,130,131,132, 133,134,137,138,139,140,143,148,149}
233	2	1080	34	0	{1,2,3,4,5,6,9,13,17,18,19,35,37,41,65,66,129,130,131,132, 133,143,147,148,155,156,166,167,173}
234	12	1104	40	0	{1,2,3,4,5,6,9,10,17,19,21,35,37,41,65,66,129,130,131,132, 133,143,147,148,155,158,165,166,173}
235	16	1080	34	0	{1,2,3,4,5,6,9,10,13,17,18,19,35,37,41,49,65,66,129,130, 131,132,133,147,148,155,156,166,173}
236	2	1416	27	0	{1,2,3,4,5,6,9,17,25,34,35,41,65,129,130,131,132,133,134, 143,145,148,156,157,158,165,166,167,173}
237	4	1416	27	0	{1,2,3,4,5,6,8,9,12,15,17,19,20,22,23,26,129,130,131,132, 133,134,138,139,140,143,147,148,149}
238	2	808	43	0	{1,2,3,4,5,7,9,10,11,14,16,34,36,37,41,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
239	4	808	43	0	{1,2,3,4,5,7,9,10,12,13,16,34,35,38,41,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}
240	4	824	47	0	{1,2,3,4,5,7,9,10,12,15,16,35,36,38,41,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}
241	8	808	43	0	{1,2,3,4,5,7,9,11,13,14,16,34,37,39,41,43,129,130,131,132, 133,137,138,142,155,156,159,160,161}
242	48	528	62	0	{1,2,3,5,6,11,13,18,25,35,37,49,65,66,129,130,131,132,133, 144,147,148,156,157,158,167,168,173,179}
243	14	504	56	0	{1,2,3,4,5,10,11,21,25,35,37,49,65,66,129,130,131,132,133, 144,147,148,157,158,159,165,166,173,174}
244	2	1272	28	0	{1,2,3,4,5,6,9,13,17,19,34,35,41,65,66,129,130,131,132,133, 143,145,148,155,156,158,166,167,173}
245	2	1280	30	0	{1,2,3,4,5,6,9,17,22,34,36,42,66,129,130,131,132,133,137, 143,145,150,155,157,160,165,166,169,173}
246	4	1288	32	0	{1,2,3,4,5,6,9,10,17,20,36,38,42,65,66,129,130,131,132,133, 143,149,150,155,156,160,165,166,173}
247	24	1288	32	0	{1,2,3,4,5,6,8,9,17,34,42,50,66,129,130,131,132,133,137,145, 146,150,155,156,157,160,165,166,169}
248	48	760	55	0	{1,2,3,5,19,20,21,22,23,33,39,40,49,50,51,53,129,130,131, 132,133,138,139,141,144,167,168,169,170}
249	8	888	42	0	{1,2,3,5,7,9,10,11,13,19,21,34,35,37,41,49,65,66,129,130, 131,132,133,148,155,158,159,174,179}
250	12	896	44	0	{1,2,3,5,7,9,11,13,21,34,35,41,49,66,129,130,131,132,133, 135,145,148,155,157,158,159,167,174,179}
251	2	1288	28	0	{1,2,3,4,5,6,9,12,14,17,18,20,33,36,38,42,50,65,66,129,130, 131,132,133,149,155,156,169,173}
252	12	1304	32	0	{1,2,3,4,5,6,9,12,14,17,20,22,33,34,36,42,50,65,66,129,130, 131,132,133,145,155,160,169,173}
253	8	1288	28	0	{1,2,3,4,5,6,9,14,17,22,33,36,42,50,66,129,130,131,132,133, 137,145,149,155,157,160,166,169,173}
254	4	1256	32	0	{1,2,3,4,5,6,9,12,15,17,19,20,22,23,25,26,129,130,131,132, 133,134,137,138,139,140,143,148,149}
255	10	1248	30	0	{1,2,3,4,5,6,9,12,13,14,15,17,22,23,25,26,129,130,131,132, 133,134,137,138,140,141,145,148,149}
256	4	896	42	0	{1,2,3,4,5,6,9,11,13,17,19,21,35,37,41,49,65,66,129,130, 131,132,133,147,148,155,158,167,173}
257	8	896	42	0	{1,2,3,5,7,9,11,19,21,34,35,41,49,66,129,130,131,132,133, 135,145,148,155,158,159,165,167,174,179}
258	12	2128	10	0	{1,2,3,4,5,6,8,9,11,13,17,18,19,21,23,26,129,130,131,132, 133,134,135,137,143,144,145,146,148}
259	12	744	47	0	{1,2,3,5,7,9,12,14,15,16,36,38,39,41,43,45,129,130,131,132, 133,137,138,139,142,155,159,160,161}
260	4	752	49	0	{1,2,3,5,7,9,16,34,35,36,37,38,39,41,43,45,129,130,131,132, 133,138,140,142,156,158,159,160,161}
261	4	1344	30	0	{1,2,3,4,5,6,9,17,25,34,35,41,49,65,129,130,131,132,133,134, 145,148,156,157,158,165,166,167,173}
262	24	1200	36	0	{1,2,3,4,5,7,9,13,17,21,34,35,37,41,49,66,129,130,131,132, 133,135,148,155,157,158,166,167,174}
263	8	1584	22	0	{1,2,3,4,5,6,9,10,17,18,25,35,37,65,129,130,131,132,133,134, 143,144,147,148,156,157,165,166,173}
264	12	1584	22	0	{1,2,3,4,5,6,9,17,19,21,25,34,35,37,129,130,131,132,133,134, 135,143,144,148,158,165,166,167,173}
265	4	760	47	0	{1,2,3,5,7,9,11,14,15,16,36,37,39,41,43,45,129,130,131,132, 133,135,138,139,142,155,158,159,161}
266	8	776	51	0	{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132, 133,135,138,139,140,142,158,159,161}
267	240	1208	40	0	{1,2,3,5,7,9,11,17,19,34,35,37,41,49,66,129,130,131,132,133, 135,148,155,156,158,165,167,174,179}
268	1920	1608	40	0	{1,2,3,5,9,17,34,35,37,41,49,65,129,130,131,132,133,134,148, 155,156,157,158,165,166,167,173,174,179}
269	2	896	40	0	{1,2,3,4,5,6,9,13,17,19,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,156,158,166,167,173}
270	2	912	44	0	{1,2,3,4,5,7,9,13,17,18,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,156,157,166,167,174}
271	2	904	42	0	{1,2,3,4,5,7,9,13,17,19,34,37,41,49,65,66,129,130,131,132, 133,146,148,155,156,158,166,167,174}
272	2	904	42	0	{1,2,3,4,5,7,9,13,18,21,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,157,159,166,167,174}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
273	12	920	46	0	{1,2,3,5,7,9,10,19,34,35,37,49,65,66,129,130,131,132,133, 144,148,155,156,158,159,165,166,174,179}
274	4	968	38	0	{1,2,3,4,5,6,7,9,12,13,16,34,35,38,39,41,129,130,131,132, 133,138,139,142,155,158,159,160,161}
275	16	960	36	0	{1,2,3,4,5,6,7,9,11,15,16,35,36,37,39,41,129,130,131,132, 133,137,139,142,155,157,159,160,161}
276	32	992	44	0	{1,2,3,4,5,6,7,9,10,15,16,35,36,37,38,41,129,130,131,132, 133,138,139,142,155,158,159,160,161}
277	48	1008	48	0	{1,2,3,4,5,7,8,9,10,15,16,35,36,37,38,43,129,130,131,132, 133,138,139,142,155,158,159,160,161}
278	4	1240	32	0	{1,2,3,4,5,6,9,13,17,34,35,41,49,65,66,129,130,131,132,133, 145,148,155,156,157,158,166,167,173}
279	12	784	46	0	{1,2,3,5,6,7,9,10,21,25,34,35,41,49,65,66,129,130,131,132, 133,145,148,157,158,159,165,166,179}
280	4	912	42	0	{1,2,3,4,5,7,9,11,13,18,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,156,157,159,167,174}
281	2	904	40	0	{1,2,3,4,5,7,9,18,19,21,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,159,165,166,167,174}
282	4	912	42	0	{1,2,3,4,5,7,9,10,13,18,19,21,41,49,65,66,129,130,131,132, 133,145,146,147,148,155,159,166,174}
283	4	912	42	0	{1,2,3,4,5,7,9,10,13,18,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,156,157,159,166,174}
284	8	912	42	0	{1,2,3,4,5,7,9,11,13,21,34,37,41,49,65,66,129,130,131,132, 133,146,148,155,157,158,159,167,174}
285	48	928	46	0	{1,2,3,4,5,7,9,10,13,21,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,157,158,159,166,174}
286	16	928	46	0	{1,2,3,4,5,7,9,13,21,37,41,49,65,66,129,130,131,132,133,146, 147,148,155,157,158,159,166,167,174}
287	4	1800	17	0	{1,2,3,4,5,6,9,10,17,25,34,35,65,129,130,131,132,133,134, 143,144,145,148,156,157,158,165,166,173}
288	48	1896	16	0	{1,2,3,4,5,6,9,11,13,17,34,35,37,41,129,130,131,132,133,134, 135,143,148,155,156,157,158,167,173}
289	51840	1728	45	0	{1,2,3,4,10,11,12,18,19,20,28,34,35,36,44,52,72,129,130,131, 135,137,138,145,156,165,175,177,178}
290	16	384	66	0	{1,2,3,5,10,19,21,25,37,41,49,65,66,67,129,130,131,132,146, 147,148,158,159,165,166,168,173,174,179}
291	432	384	66	0	{1,2,3,5,10,19,21,25,35,37,41,49,65,66,67,69,129,130,131, 147,148,158,159,165,166,168,173,174,179}
292	24	368	62	0	{1,2,3,4,9,10,18,21,25,35,37,41,49,65,67,69,129,130,131,134, 147,148,157,159,165,166,173,174,175}
293	18	360	60	0	{1,2,3,9,11,18,19,37,41,49,66,69,129,130,131,133,135,146,147, 148,155,156,159,165,167,173,174,175,179}
294	103680	3528	0	0	{1,2,3,4,5,6,7,9,10,11,13,17,18,19,21,25,129,130,131,132, 133,134,135,143,144,145,146,147,148}
295	2	1064	38	0	{1,2,3,4,5,6,9,10,17,19,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,156,158,165,166,173}
296	2	1056	36	0	{1,2,3,4,5,6,9,11,13,17,19,21,37,41,49,66,129,130,131,132, 133,135,146,147,148,155,158,167,173}
297	2	1056	36	0	{1,2,3,4,5,6,9,17,21,35,41,49,65,66,129,130,131,132,133,145, 147,148,155,157,158,165,166,167,173}
298	2	1768	16	0	{1,2,3,4,5,6,8,9,11,12,13,14,17,18,23,26,129,130,131,132, 133,134,135,138,143,144,145,147,148}
299	8	1776	18	0	{1,2,3,4,5,6,8,9,11,14,17,18,20,21,23,26,129,130,131,132, 133,134,135,138,143,144,145,147,148}
300	2	928	40	0	{1,2,3,4,5,6,9,10,11,17,19,21,35,37,41,49,65,66,129,130, 131,132,133,147,148,155,158,165,173}
301	4	928	40	0	{1,2,3,4,5,6,9,11,17,19,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,156,158,165,167,173}
302	4	920	38	0	{1,2,3,4,5,6,9,13,17,19,37,41,49,66,129,130,131,132,133,135, 146,147,148,155,156,158,166,167,173}
303	8	936	42	0	{1,2,3,4,5,6,9,11,13,17,19,21,34,35,41,49,65,66,129,130, 131,132,133,145,148,155,158,167,173}
304	1152	2112	13	0	{1,2,3,4,5,6,9,17,18,34,41,65,66,129,130,131,132,133,143, 145,146,148,155,156,157,165,166,167,173}
305	4	1088	35	0	{1,2,3,4,5,6,9,12,14,17,36,38,42,50,66,129,130,131,132,133, 137,149,150,155,156,157,160,169,173}
306	12	1104	39	0	{1,2,3,4,5,8,9,12,14,17,34,38,42,50,66,129,130,131,132,133, 137,146,150,155,156,157,160,169,176}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
307	24	1096	37	0	$\{1,2,3,4,5,7,9,10,13,16,34,35,37,38,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
308	16	1096	37	0	$\{1,2,3,4,5,7,9,11,13,14,16,34,37,39,41,43,129,130,131,132,133,142,155,156,157,158,159,160,161\}$
309	4	1104	35	0	$\{1,2,3,4,5,6,9,12,17,20,22,36,38,42,66,129,130,131,132,133,137,143,149,150,155,160,165,169,173\}$
310	12	1112	37	0	$\{1,2,3,4,5,6,9,17,20,22,36,38,42,65,66,129,130,131,132,133,143,149,150,155,160,165,166,169,173\}$
311	2	1104	35	0	$\{1,2,3,4,5,6,9,12,14,17,22,36,38,42,50,65,66,129,130,131,132,133,145,149,150,155,156,157,160,169,173\}$
312	8	1096	33	0	$\{1,2,3,4,5,6,8,9,12,17,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,156,157,160,169,173\}$
313	4	512	55	0	$\{1,2,3,5,18,19,23,24,35,36,37,40,49,50,51,53,129,130,131,132,133,139,141,144,166,167,168,169,170\}$
314	2	512	55	0	$\{1,2,3,5,19,22,23,24,36,37,39,40,49,50,51,53,129,130,131,132,133,135,141,144,165,166,167,168,170\}$
315	4	528	59	0	$\{1,2,3,5,20,22,23,24,36,38,39,40,49,50,51,53,129,130,131,132,133,135,141,144,165,166,167,168,170\}$
316	8	520	57	0	$\{1,2,3,5,20,22,23,24,36,38,39,40,49,50,51,53,129,130,131,132,133,135,138,139,141,144,167,168,170\}$
317	16	552	65	0	$\{1,2,3,5,6,19,20,21,23,24,35,39,40,49,50,53,129,130,131,132,133,141,142,165,166,167,168,169,170\}$
318	4	520	57	0	$\{1,2,3,5,11,15,20,27,35,36,39,67,68,129,130,131,132,138,143,144,151,156,160,162,167,171,174,176,184\}$
319	48	520	57	0	$\{1,2,3,4,7,12,16,18,28,34,44,52,66,68,72,129,130,131,137,145,148,150,156,159,161,170,171,175,178\}$
320	8	944	40	0	$\{1,2,3,4,5,6,9,12,14,17,20,22,34,36,38,42,50,65,66,129,130,131,132,133,135,150,155,160,169,173\}$
321	1	944	40	0	$\{1,2,3,4,5,6,9,12,17,20,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,160,165,169,173\}$
322	4	936	38	0	$\{1,2,3,4,5,6,9,12,17,22,36,38,42,50,66,129,130,131,132,133,137,149,150,155,157,160,165,169,173\}$
323	8	960	44	0	$\{1,2,3,4,5,8,9,10,17,20,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,160,165,166,176\}$
324	8	960	44	0	$\{1,2,3,4,5,8,9,10,14,17,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,157,160,166,176\}$
325	4	952	42	0	$\{1,2,3,4,5,9,12,14,17,20,34,38,42,50,66,129,130,131,132,133,137,146,150,155,156,160,169,173,176\}$
326	4	944	40	0	$\{1,2,3,4,5,9,12,14,17,22,34,38,42,50,66,129,130,131,132,133,137,146,150,155,157,160,169,173,176\}$
327	4	944	40	0	$\{1,2,3,4,5,7,9,13,16,34,35,37,38,39,41,43,129,130,131,132,133,137,139,142,155,157,159,160,161\}$
328	4	944	40	0	$\{1,2,3,4,5,7,9,14,16,34,36,37,38,39,41,43,129,130,131,132,133,135,139,142,155,157,158,159,161\}$
329	4	952	42	0	$\{1,2,3,4,5,7,9,13,14,16,34,37,38,39,41,43,129,130,131,132,133,139,142,155,157,158,159,160,161\}$
330	6	768	46	0	$\{1,2,3,4,5,7,9,13,18,41,49,66,129,130,131,132,133,135,145,146,147,148,155,156,157,159,166,167,174\}$
331	2	760	44	0	$\{1,2,3,4,5,7,9,18,21,41,49,66,129,130,131,132,133,135,145,146,147,148,155,157,159,165,166,167,174\}$
332	4	768	46	0	$\{1,2,3,4,5,7,9,13,18,19,21,35,41,49,65,66,129,130,131,132,133,145,147,148,155,159,166,167,174\}$
333	1	768	46	0	$\{1,2,3,4,5,7,9,13,18,37,41,49,65,66,129,130,131,132,133,146,147,148,155,156,157,159,166,167,174\}$
334	2	776	48	0	$\{1,2,3,4,5,7,9,10,18,21,35,37,41,49,65,66,129,130,131,132,133,147,148,155,157,159,165,166,174\}$
335	4	776	48	0	$\{1,2,3,4,5,7,9,13,18,21,35,37,41,49,65,66,129,130,131,132,133,147,148,155,157,159,166,167,174\}$
336	4	784	50	0	$\{1,2,3,5,7,9,10,19,21,34,35,49,65,66,129,130,131,132,133,144,145,148,155,158,159,165,166,174,179\}$
337	12	760	44	0	$\{1,2,3,5,7,9,10,19,25,37,41,66,129,130,131,132,133,135,143,146,147,148,156,158,159,165,166,174,179\}$
338	24	1960	16	0	$\{1,2,3,4,5,6,8,9,12,14,17,18,20,22,23,26,129,130,131,132,133,134,137,138,139,143,144,148,149\}$
339	48	976	43	0	$\{1,2,3,5,9,12,14,17,20,22,36,38,42,50,66,129,130,131,132,133,137,149,150,155,160,169,173,176,181\}$
340	144	632	60	0	$\{1,2,3,5,11,13,25,41,49,65,66,129,130,131,132,133,145,146,147,148,156,157,158,159,167,168,173,174,179\}$

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
341	72	600	52	0	{1,2,3,4,9,10,18,21,25,33,35,41,49,67,69,129,130,131,134, 135,145,147,157,159,165,166,173,174,175}
342	360	288	65	0	{1,2,3,5,10,11,18,21,25,35,37,41,49,65,66,67,69,129,130,131, 147,148,157,159,165,168,173,174,179}
343	40320	448	105	0	{1,2,3,4,13,21,25,37,41,49,65,66,67,129,130,131,132,146,147, 148,157,158,159,166,167,168,173,174,175}
344	384	320	73	0	{1,2,3,4,9,13,18,21,25,35,37,41,49,65,66,67,69,129,130,131, 147,148,157,159,166,167,173,174,175}
345	96	288	65	0	{1,2,3,11,13,18,21,35,41,49,65,66,69,129,130,131,133,145,147, 148,155,157,159,167,168,173,174,175,179}
346	64	864	44	0	{1,2,3,5,7,9,11,14,15,33,36,37,39,41,43,45,129,130,131,132, 133,137,138,139,140,142,159,160,161}
347	72	1792	18	0	{1,2,3,4,5,6,7,9,10,17,18,25,35,37,129,130,131,132,133,134, 135,143,144,147,148,156,157,165,166}
348	8	1256	32	0	{1,2,3,4,5,6,9,11,17,18,21,35,41,66,129,130,131,132,133,135, 143,145,147,148,155,157,165,167,173}
349	4	1240	28	0	{1,2,3,4,5,6,9,13,17,18,19,35,41,66,129,130,131,132,133,135, 143,145,147,148,155,156,166,167,173}
350	4	1248	30	0	{1,2,3,4,5,6,9,10,11,17,18,19,21,35,37,41,65,66,129,130, 131,132,133,143,147,148,155,165,173}
351	72	1600	30	0	{1,2,3,4,5,6,9,17,34,35,37,41,49,65,129,130,131,132,133,134, 148,155,156,157,158,165,166,167,173}
352	12	728	52	0	{1,2,3,5,7,9,18,19,21,25,35,37,41,49,65,66,129,130,131,132, 133,147,148,159,165,166,167,174,179}
353	2	640	50	0	{1,2,3,5,7,9,12,14,15,16,36,38,39,41,43,45,129,130,131,132, 133,135,138,139,142,155,158,159,161}
354	4	640	50	0	{1,2,3,5,7,9,12,15,16,35,36,38,39,41,43,45,129,130,131,132, 133,135,139,142,155,157,158,159,161}
355	24	680	60	0	{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132, 133,138,139,142,155,158,159,160,161}
356	2	656	54	0	{1,2,3,5,7,9,10,15,16,35,36,37,38,41,43,45,129,130,131,132, 133,137,138,139,140,142,159,160,161}
357	8	648	52	0	{1,2,3,5,7,18,20,23,24,35,36,38,40,49,51,53,129,130,131,132, 133,135,138,141,144,165,167,168,170}
358	4	640	50	0	{1,2,3,5,7,20,24,34,35,36,38,39,40,49,51,53,129,130,131,132, 133,141,144,165,166,167,168,169,170}
359	720	848	60	0	{1,2,3,4,5,6,9,10,19,21,25,35,37,41,65,66,129,130,131,132, 133,143,147,148,158,159,165,166,173}
360	2	1048	36	0	{1,2,3,4,5,6,9,17,19,35,37,41,49,66,129,130,131,132,133,135, 147,148,155,156,158,165,166,167,173}
361	2	1056	38	0	{1,2,3,4,5,6,9,17,19,21,35,37,41,49,65,66,129,130,131,132, 133,147,148,155,158,165,166,167,173}
362	12	1072	42	0	{1,2,3,4,5,7,9,17,19,34,37,41,49,66,129,130,131,132,133,135, 146,148,155,156,158,165,166,167,174}
363	2	1056	38	0	{1,2,3,4,5,7,9,13,17,34,37,41,49,66,129,130,131,132,133,135, 146,148,155,156,157,158,166,167,174}
364	8	1056	38	0	{1,2,3,4,5,7,9,13,34,37,41,49,65,66,129,130,131,132,133,146, 148,155,156,157,158,159,166,167,174}
365	4	1232	30	0	{1,2,3,4,5,6,9,17,25,35,37,41,129,130,131,132,133,134,135, 143,147,148,156,157,158,165,166,167,173}
366	8	1240	32	0	{1,2,3,4,5,6,9,17,19,21,25,34,35,37,41,65,129,130,131,132, 133,134,143,148,158,165,166,167,173}
367	4	480	54	0	{1,2,3,5,7,10,13,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,156,157,158,159,166,168,174,179}
368	8	496	58	0	{1,2,3,5,7,10,25,35,37,49,65,66,129,130,131,132,133,144,147, 148,156,157,158,159,165,166,168,174,179}
369	4	496	58	0	{1,2,3,5,11,13,18,19,25,35,37,49,65,66,129,130,131,132,133, 144,147,148,156,159,167,168,173,174,179}
370	2	488	56	0	{1,2,3,5,10,11,21,25,35,49,65,66,129,130,131,132,133,144,145, 147,148,157,158,159,165,168,173,174,179}
371	2	496	58	0	{1,2,3,5,10,19,25,35,37,49,65,66,129,130,131,132,133,144,147, 148,156,158,159,165,166,168,173,174,179}
372	4	512	62	0	{1,2,3,4,5,13,25,35,37,49,65,66,129,130,131,132,133,144,147, 148,156,157,158,159,166,167,168,173,174}
373	24	544	70	0	{1,2,3,5,6,11,19,25,35,37,41,49,65,66,129,130,131,132,133, 147,148,156,158,159,165,167,168,173,179}
374	48	496	62	0	{1,2,3,5,11,21,25,35,41,49,65,66,129,130,131,132,133,145,147, 148,157,158,159,165,167,168,173,174,179}

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
375	4	1008	42	0	$\{1,2,3,4,5,9,13,17,21,34,35,37,41,49,65,66,129,130,131,132,133,148,155,157,158,166,167,173,174\}$
376	2	1592	20	0	$\{1,2,3,4,5,6,8,9,11,12,13,17,18,19,23,26,129,130,131,132,133,134,137,138,139,143,144,148,149\}$
377	12	1600	22	0	$\{1,2,3,4,5,6,8,9,11,12,13,14,17,18,23,26,129,130,131,132,133,134,138,139,143,144,147,148,149\}$
378	16	1600	22	0	$\{1,2,3,4,5,6,7,9,10,17,19,25,34,35,37,65,129,130,131,132,133,134,143,144,148,156,158,165,166\}$
379	4	1104	35	0	$\{1,2,3,4,5,6,9,12,17,18,38,42,50,65,66,129,130,131,132,133,146,149,150,155,156,157,165,169,173\}$
380	8	1104	35	0	$\{1,2,3,4,5,6,9,14,17,20,34,42,50,65,66,129,130,131,132,133,145,146,150,155,156,160,166,169,173\}$
381	8	1288	28	0	$\{1,2,3,4,5,6,7,9,11,12,14,16,34,36,39,41,129,130,131,132,133,134,135,139,142,155,157,158,159\}$
382	192	1568	24	0	$\{1,2,3,4,5,6,9,17,34,41,49,65,66,129,130,131,132,133,145,146,148,155,156,157,158,165,166,167,173\}$
383	4	1064	37	0	$\{1,2,3,4,5,9,12,14,17,20,34,36,38,42,50,65,66,129,130,131,132,133,150,155,156,160,169,173,176\}$
384	4	1072	39	0	$\{1,2,3,4,5,9,14,17,22,34,36,38,42,50,66,129,130,131,132,133,137,150,155,157,160,166,169,173,176\}$
385	24	1160	40	0	$\{1,2,3,5,8,9,12,17,20,22,36,38,42,50,66,129,130,131,132,133,137,149,150,155,160,165,169,176,181\}$
386	12	1784	17	0	$\{1,2,3,4,5,6,9,10,11,17,34,49,65,129,130,131,132,133,134,144,145,146,148,155,156,157,158,165,173\}$
387	4	768	48	0	$\{1,2,3,4,5,7,9,13,18,21,41,49,65,66,129,130,131,132,133,145,146,147,148,155,157,159,166,167,174\}$
388	2	760	46	0	$\{1,2,3,4,5,7,9,18,21,37,41,49,65,66,129,130,131,132,133,146,147,148,155,157,159,165,166,167,174\}$
389	144	816	60	0	$\{1,2,3,5,7,9,10,19,21,35,37,49,65,66,129,130,131,132,133,144,147,148,155,158,159,165,166,174,179\}$
390	12	752	44	0	$\{1,2,3,5,7,9,11,18,19,21,34,35,41,49,65,66,129,130,131,132,133,145,148,155,159,165,167,174,179\}$
391	60	768	50	0	$\{1,2,3,4,5,10,13,21,25,49,65,66,129,130,131,132,133,144,145,146,147,148,157,158,159,166,168,173,174\}$
392	4	1824	15	0	$\{1,2,3,4,5,6,8,9,10,17,20,34,36,42,66,129,130,131,132,133,137,143,145,150,155,156,160,165,166\}$
393	20	1008	40	0	$\{1,2,3,5,7,9,34,35,41,49,65,66,129,130,131,132,133,145,148,155,156,157,158,159,165,166,167,174,179\}$
394	6	1568	24	0	$\{1,2,3,4,5,6,9,10,17,25,34,35,37,65,129,130,131,132,133,134,143,144,148,156,157,158,165,166,173\}$
395	2	1560	22	0	$\{1,2,3,4,5,6,9,11,17,21,34,35,37,41,129,130,131,132,133,134,135,143,148,155,157,158,165,167,173\}$
396	144	1128	45	0	$\{1,2,3,4,5,8,9,12,17,20,34,38,42,50,66,129,130,131,132,133,137,146,150,155,156,160,165,169,176\}$
397	16	1096	37	0	$\{1,2,3,4,5,8,9,14,17,22,34,38,42,50,66,129,130,131,132,133,137,146,150,155,157,160,166,169,176\}$
398	8	1448	23	0	$\{1,2,3,4,5,6,8,9,14,17,20,34,36,38,42,65,66,129,130,131,132,133,143,150,155,156,160,166,169\}$
399	2	1456	25	0	$\{1,2,3,4,5,6,9,17,20,22,33,36,38,42,66,129,130,131,132,133,137,143,149,155,160,165,166,169,173\}$
400	2	1456	25	0	$\{1,2,3,4,5,6,9,12,17,22,33,36,38,42,66,129,130,131,132,133,137,143,149,155,157,160,165,169,173\}$
401	2	1448	23	0	$\{1,2,3,4,5,6,9,17,20,34,36,42,66,129,130,131,132,133,137,143,145,150,155,156,160,165,166,169,173\}$
402	128	2136	8	112	$\{1,2,3,4,5,6,8,9,10,12,17,18,22,26,129,130,131,132,133,134,135,143,144,145,146,147,148,157,165\}$
403	192	2344	6	0	$\{1,2,3,4,5,6,8,9,10,12,14,17,18,20,22,26,129,130,131,132,133,134,135,143,144,145,146,147,148\}$
404	48	1800	17	0	$\{1,2,3,4,5,6,7,9,10,11,17,34,35,49,65,129,130,131,132,133,134,144,145,148,155,156,157,158,165\}$
405	12	832	46	0	$\{1,2,3,5,7,9,18,19,21,25,41,49,65,66,129,130,131,132,133,145,146,147,148,159,165,166,167,174,179\}$
406	24	848	50	0	$\{1,2,3,5,7,9,11,19,21,25,35,37,41,49,65,66,129,130,131,132,133,147,148,158,159,165,167,174,179\}$
407	384	2696	4	0	$\{1,2,3,4,5,6,8,9,10,11,13,17,18,19,21,26,129,130,131,132,133,134,135,143,144,145,146,147,148\}$
408	2	752	48	0	$\{1,2,3,5,7,9,10,21,34,35,41,49,65,66,129,130,131,132,133,145,148,155,157,158,159,165,166,174,179\}$

Nr.	$ W_K $	$\#K_5(1)$	$\#K_4^a(0)$	$\#K_4^b(0)$	K
409	4	768	52	0	$\{1,2,3,5,7,9,10,19,21,34,35,37,41,49,65,66,129,130,131,132,133,148,155,158,159,165,166,174,179\}$
410	24	752	48	0	$\{1,2,3,5,7,9,10,18,19,21,41,49,65,66,129,130,131,132,133,145,146,147,148,155,159,165,166,174,179\}$
411	2	744	46	0	$\{1,2,3,5,7,9,11,13,19,21,34,35,41,49,65,66,129,130,131,132,133,145,148,155,158,159,167,174,179\}$
412	2	1264	30	0	$\{1,2,3,4,5,6,9,12,17,22,34,36,42,65,66,129,130,131,132,133,143,145,150,155,157,160,165,169,173\}$
413	2	1264	30	0	$\{1,2,3,4,5,6,9,17,20,22,34,36,42,65,66,129,130,131,132,133,143,145,150,155,160,165,166,169,173\}$
414	4	1264	30	0	$\{1,2,3,4,5,6,8,9,12,17,18,20,22,36,38,42,50,65,66,129,130,131,132,133,137,138,139,141,144,168,169,170\}$
415	8	1272	32	0	$\{1,2,3,4,5,6,9,10,17,18,20,36,38,42,50,65,66,129,130,131,132,133,137,138,139,141,142,167,168,169,170\}$
416	4	1752	18	0	$\{1,2,3,4,5,6,8,9,11,12,14,17,18,20,23,26,129,130,131,132,133,134,137,138,139,143,144,148,149\}$
417	8	800	45	0	$\{1,2,3,4,5,9,10,14,17,20,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,160,166,173,176\}$
418	16	800	45	0	$\{1,2,3,4,5,9,12,14,17,20,22,34,38,42,50,65,66,129,130,131,132,133,146,150,155,160,169,173,176\}$
419	32	800	45	0	$\{1,2,3,5,7,18,19,20,22,24,34,36,40,49,51,53,129,130,131,132,133,138,141,144,165,167,168,169,170\}$
420	192	832	53	0	$\{1,2,3,5,6,18,19,20,23,24,35,36,40,49,50,53,129,130,131,132,133,138,141,144,165,167,168,169,170\}$
421	12	632	52	0	$\{1,2,3,5,19,20,21,23,33,35,39,40,49,50,51,53,129,130,131,132,133,137,138,139,141,144,168,169,170\}$
422	72	664	60	0	$\{1,2,3,4,5,19,20,21,22,23,33,39,40,49,50,51,129,130,131,132,133,138,139,141,142,167,168,169,170\}$
423	4	1392	26	0	$\{1,2,3,4,5,6,9,11,13,17,18,19,21,35,41,66,129,130,131,132,133,135,143,145,147,148,155,167,173\}$
424	8	1400	28	0	$\{1,2,3,4,5,6,9,10,17,18,19,35,37,41,65,66,129,130,131,132,133,143,147,148,155,156,165,166,173\}$
425	2	1216	32	0	$\{1,2,3,4,5,6,9,10,11,17,35,37,41,49,65,66,129,130,131,132,133,147,148,155,156,157,158,165,173\}$
426	16	1216	32	0	$\{1,2,3,4,5,6,7,9,10,17,19,21,41,49,65,66,129,130,131,132,133,145,146,147,148,155,158,165,166\}$
427	4	1216	32	0	$\{1,2,3,4,5,6,7,9,17,19,21,35,41,49,65,66,129,130,131,132,133,145,147,148,155,158,165,166,167\}$
428	12	1760	16	0	$\{1,2,3,4,5,6,8,9,11,12,13,14,17,18,23,26,129,130,131,132,133,134,135,137,138,139,143,144,148\}$
429	16	1520	28	0	$\{1,2,3,4,5,6,9,17,34,35,41,49,65,129,130,131,132,133,134,145,148,155,156,157,158,165,166,167,173\}$
430	2	904	42	0	$\{1,2,3,4,5,9,12,14,17,22,34,36,38,42,50,65,66,129,130,131,132,133,150,155,157,160,169,173,176\}$
431	6	920	46	0	$\{1,2,3,4,5,9,14,17,22,36,38,42,50,65,66,129,130,131,132,133,149,150,155,157,160,166,169,173,176\}$
432	120	1888	20	0	$\{1,2,3,4,5,6,8,9,11,13,15,17,19,21,23,26,129,130,131,132,133,134,135,138,139,143,144,147,148\}$