

THE SUBGROUP LATTICE OF $L_2(11)$

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
1	$L_2(11)$	660	1	2 (11), 3 (11), 4 (12), 5 (55)	
2	A_5	60	11	6 (5), 8 (6), 9 (10)	1
3	A_5	60	11	6 (5), 8 (6), 10 (10)	1
4	$11 : 5$	55	12	7, 12 (11)	1
5	D_{12}	12	55	11, 9, 10, 13 (3)	1
6	A_4	12	55	13, 14 (4)	2, 3
7	11	11	12	16	4
8	D_{10}	10	66	12, 15 (5)	2, 3
9	S_3	6	55	14, 15 (3)	2 (2), 5
10	S_3	6	55	14, 15 (3)	3 (2), 5
11	6	6	55	14, 15	5
12	5	5	66	16	4 (2), 8
13	2^2	4	55	15 (3)	5 (3), 6
14	3	3	55	16	6 (4), 9, 10, 11
15	2	2	55	16	8 (6), 9 (3), 10 (3), 11, 13 (3)
16	1	1	1		7 (12), 12 (66), 14 (55), 15 (55)

TABLE 1. Subgroup lattice of $L_2(11)$

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