

THE SUBGROUP LATTICE OF $L_2(7)$

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
1	$L_2(7)$	168	1	2 (7), 3 (7), 4 (8)	
2	$2^2 : S_3$	24	7	5, 7 (3), 9 (4)	1
3	$2^2 : S_3$	24	7	6, 7 (3), 9 (4)	1
4	$7 : 3$	21	8	8, 13 (7)	1
5	A_4	12	7	10, 13 (4)	2
6	A_4	12	7	11, 13 (4)	3
7	D_8	8	21	10, 12, 11	2, 3
8	7	7	8	15	4
9	S_3	6	28	13, 14 (3)	2, 3
10	2^2	4	7	14 (3)	5, 7 (3)
11	2^2	4	7	14 (3)	6, 7 (3)
12	4	4	21	14	7
13	3	3	28	15	4 (2), 5, 6, 9
14	2	2	21	15	9 (4), 10, 11, 12
15	1	1	1		8 (8), 13 (28), 14 (21)

TABLE 1. Subgroup lattice of $L_2(7)$

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