

THE SUBGROUP LATTICE OF $L_2(19)$

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
1	$L_2(19)$	3420	1	2 (20), 3 (57), 4 (57), 6 (171), 8 (190)	
2	$19 : 3 : 3$	171	20	5, 13 (19)	1
3	A_5	60	57	9 (5), 10 (6), 14 (10)	1
4	A_5	60	57	9 (5), 11 (6), 14 (10)	1
5	$19 : 3$	57	20	7, 17 (19)	2
6	D_{20}	20	171	12, 10, 11, 16 (5)	1
7	19	19	20	19	5
8	D_{18}	18	190	13, 14 (3)	1
9	A_4	12	285	16, 17 (4)	3, 4
10	D_{10}	10	171	15, 18 (5)	3 (2), 6
11	D_{10}	10	171	15, 18 (5)	4 (2), 6
12	10	10	171	15, 18	6
13	9	9	190	17	2 (2), 8
14	S_3	6	570	17, 18 (3)	3, 4, 8
15	5	5	171	19	10, 11, 12
16	2^2	4	285	18 (3)	6 (3), 9
17	3	3	190	19	5 (2), 9 (6), 13, 14 (3)
18	2	2	171	19	10 (5), 11 (5), 12, 14 (10), 16 (5)
19	1	1	1		7 (20), 15 (171), 17 (190), 18 (171)

TABLE 1. Subgroup lattice of $L_2(19)$

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