DihedralGroupLattice

September 14, 2018

Group : Dih(10000)
Searching up to index : 125
How many normal groups are found : 14
Total Time (in s) in GAP: 173.1

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]
12	50	[7]
13	80	[8, 11]
14	100	[9, 12]

Group : Dih(10000)
Searching up to index : 250
How many normal groups are found : 17
Total Time (in s) in GAP: 227.3

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]
12	50	[7]
13	80	[8, 11]
14	100	[9, 12]
15	160	[10, 13]
16	200	[11, 14]
17	250	[12]

Group : Dih(10000)

Searching up to index : 500

How many normal groups are found : 19

Total Time (in s) in GAP: 292.7

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]

12	50	[7]
13	80	[8, 11]
14	100	[9, 12]
15	160	[10, 13]
16	200	[11, 14]
17	250	[12]
18	400	[13, 16]
19	500	[14, 17]

Group : Dih(10000)

Searching up to index : 1000

How many normal groups are found : 21

Total Time (in s) in GAP: 356.4

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]
12	50	[7]
13	80	[8, 11]
14	100	[9, 12]
15	160	[10, 13]
16	200	[11, 14]
17	250	[12]
18	400	[13, 16]
19	500	[14, 17]
20	800	[15, 18]
21	1000	[16, 19]

Group : Dih(10000**)**
Searching up to index : 2000
How many normal groups are found : 23
Total Time (in s) in GAP: 379.4

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]
12	50	[7]
13	80	[8, 11]
14	100	[9, 12]
15	160	[10, 13]
16	200	[11, 14]
17	250	[12]
18	400	[13, 16]
19	500	[14, 17]
20	800	[15, 18]
21	1000	[16, 19]
22	1250	[17]
23	2000	[18, 21]

Group : Dih(10000**)**
Searching up to index : 4000
How many normal groups are found : 25
Total Time (in s) in GAP: 434.3

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	8	[5]
7	10	[2]
8	16	[6]
9	20	[5, 7]
10	32	[8]
11	40	[6, 9]
12	50	[7]
13	80	[8, 11]
14	100	[9, 12]
15	160	[10, 13]
16	200	[11, 14]
17	250	[12]
18	400	[13, 16]
19	500	[14, 17]
20	800	[15, 18]
21	1000	[16, 19]
22	1250	[17]
23	2000	[18, 21]
24	2500	[19, 22]
25	4000	[20, 23]