

# ExampleGroupLattice

August 2, 2018

**Group : DihedralGroup(40)**

Searching up to index : 20

How many normal groups are found : 8

Total Time in s : 0.1

Number	Index	Supergroups
1	1	[ ]
2	2	[ 1 ]
3	2	[ 1 ]
4	2	[ 1 ]
5	4	[ 2, 3, 4 ]
6	8	[ 5 ]
7	10	[ 3 ]
8	20	[ 5, 7 ]

**Group : DihedralGroup(100)**

Searching up to index : 50

How many normal groups are found : 8

Total Time in s : 0.1

Number	Index	Supergroups
1	1	[ ]
2	2	[ 1 ]
3	2	[ 1 ]
4	2	[ 1 ]

5	4	[ 2, 3, 4 ]
6	10	[ 3 ]
7	20	[ 5, 6 ]
8	50	[ 6 ]