## ${\bf Symmetric Group Lattice}$

September 14, 2018

Group: Sym(6)

Searching up to index: 1000

How many normal groups are found : 3

Total Time (in s) in GAP: 0.9

Number	Index	Supergroups
1	1	[]
2	2	[1]
3	720	[2]

Group: Sym(7)

Searching up to index: 1000

How many normal groups are found: 2

Total Time (in s) in GAP: 0.8

Number	Index	Supergroups
1	1	[]
2	2	[1]

Group: Sym(8)

Searching up to index: 1000

How many normal groups are found: 2

Total Time (in s) in GAP: 0.8

Number	Index	Supergroups
1	1	[]
2	2	[1]

Group: Sym(9)

Searching up to index : 1000

How many normal groups are found : 2

Total Time (in s) in GAP: 1.2

Number	$\operatorname{Index}$	Supergroups
1	1	
2	2	[1]