DihedralBasicProfile

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

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
MustCheckP	118	0.0	0.0	0.0	0.0
PullBackH	13	0.0	0.0	0.0	0.0
FindTQuotients	1	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	11	0.0	0.0	0.0	0.0
FindIntersections	11	21.4	21.4	6.8	6.8
AddGroup	16	129.0	129.0	41.0	41.0
FindPModules	99	151.6	151.5	48.0	48.0
FindPQuotients	12	151.6	151.6	48.0	48.0
LowIndexNormal	1	173.1	173.1	54.8	54.8

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

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
MustCheckP	205	0.0	0.0	0.0	0.0
FindIntersections	13	0.0	0.0	0.0	0.0
PullBackH	20	0.0	0.0	0.0	0.0

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindTQuotients	1	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	18	0.0	0.0	0.0	0.0
AddGroup	21	182.9	182.9	58.2	58.2
FindPModules	172	227.2	227.2	72.0	72.0
FindPQuotients	14	227.2	227.2	72.0	72.0
LowIndexNormal	1	227.3	227.3	72.0	72.0

Group : Dih(10000)

Searching up to index : 500

How many normal groups are found : 19

Total Time (in s) in GAP: 292.7

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindIntersections	16	0.0	0.0	0.0	0.0
MustCheckP	362	0.0	0.0	0.0	0.0
PullBackH	23	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	21	0.0	0.0	0.0	0.0
FindTQuotients	1	33.9	33.9	10.2	10.2
FindPModules	299	258.8	258.8	82.3	82.3
FindPQuotients	17	258.8	258.8	82.3	82.3
AddGroup	27	280.8	280.8	89.0	89.0
LowIndexNormal	1	292.7	292.7	92.6	92.6

Group : Dih(10000)

Searching up to index : 1000

How many normal groups are found : 21

Total Time (in s) in GAP: 356.4

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindIntersections	18	0.0	0.0	0.0	0.0
MustCheckP	641	0.0	0.0	0.0	0.0
PullBackH	26	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	24	0.0	0.0	0.0	0.0

Function					
FindTQuotients	1	75.2	75.2	23.9	23.9
FindPModules	522	281.1	281.1	89.3	89.3
FindPQuotients	19	281.1	281.1	89.3	89.3
AddGroup	33	343.7	343.7	109.5	109.5
LowIndexNormal	1	356.4	356.4	113.3	113.3

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

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindIntersections	20	0.0	0.0	0.0	0.0
MustCheckP	1138	0.0	0.0	0.0	0.0
PullBackH	28	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	26	0.0	0.0	0.0	0.0
FindTQuotients	1	75.2	75.2	23.9	23.9
FindPModules	916	304.1	304.1	96.3	96.3
FindPQuotients	21	304.2	304.2	96.3	96.3
AddGroup	35	365.5	365.5	116.4	116.4
LowIndexNormal	1	379.4	379.4	120.3	120.3

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

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindIntersections	22	0.0	0.0	0.0	0.0
PullBackH	30	0.0	0.0	0.0	0.0
MustCheckP	2042	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	28	0.0	0.0	0.0	0.0
FindTQuotients	1	107.4	107.4	34.2	34.2

FindPModules	1635	326.8	326.8	103.6	103.6
FindPQuotients	23	326.9	326.9	103.6	103.6
AddGroup	40	418.0	418.0	133.5	133.5
LowIndexNormal	1	434.3	434.3	137.8	137.8