

# DihedralBasicProfile

September 10, 2018

**Group : Dih(10000)**

Searching up to index : 125

How many normal groups are found : 14

Total Time in s : 103.3

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
FindIntersections	11	0.0	0.0	0.0	0.0
FindTQuotients	1	0.0	0.0	0.0	0.0
AddGroup	16	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	11	0.0	0.0	0.0	0.0
FindPModules	99	103.3	103.3	30.8	30.8
FindPQuotients	12	103.3	103.3	30.9	30.9
LowIndexNormal	1	103.3	103.3	30.9	30.9

**Group : Dih(10000)**

Searching up to index : 250

How many normal groups are found : 17

Total Time in s : 138.7

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

SMTX_BasesMaximalSubmodules	18	0.0	0.0	0.0	0.0
AddGroup	21	0.0	0.0	0.0	0.0
FindTQuotients	1	0.2	0.2	0.0	0.0
FindPModules	172	815.6	815.5	111.9	111.9
FindPQuotients	14	815.6	815.6	111.9	111.9
LowIndexNormal	1	815.8	815.8	112.0	112.0

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
FindTQuotients	1	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	18	0.0	0.0	0.0	0.0
AddGroup	21	0.0	0.0	0.0	0.0
FindPModules	172	138.7	138.7	41.2	41.2
FindPQuotients	14	138.7	138.7	41.2	41.2
LowIndexNormal	1	138.7	138.7	41.2	41.2

**Group : Dih(10000)**

Searching up to index : 500

How many normal groups are found : 19

Total Time in s : 160.4

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	0.0	0.0	0.0	0.0
AddGroup	27	0.0	0.0	0.0	0.0
FindPModules	299	160.4	160.4	48.1	48.1
FindPQuotients	17	160.4	160.4	48.1	48.1
LowIndexNormal	1	160.4	160.4	48.1	48.1

**Group : Dih(10000)**

Searching up to index : 1000

How many normal groups are found : 21

Total Time in s : 172.4

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
FindTQuotients	1	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	24	0.0	0.0	0.0	0.0
AddGroup	33	0.0	0.0	0.0	0.0
FindPModules	522	172.3	172.3	51.6	51.6
FindPQuotients	19	172.4	172.4	51.6	51.6
LowIndexNormal	1	172.4	172.4	51.6	51.6

**Group : Dih(10000)**

Searching up to index : 2000

How many normal groups are found : 23

Total Time in s : 199.5

Function	Count	AbsT/s	ChildT/s	AbsS/gb	ChildS/gb
FindIntersections	20	0.0	0.0	0.0	0.0
PullBackH	28	0.0	0.0	0.0	0.0
MustCheckP	1138	0.0	0.0	0.0	0.0
FindTQuotients	1	0.0	0.0	0.0	0.0
SMTX_BasesMaximalSubmodules	26	0.0	0.0	0.0	0.0
AddGroup	35	0.0	0.0	0.0	0.0
FindPModules	916	199.4	199.4	58.7	58.7
FindPQuotients	21	199.5	199.5	58.7	58.7
LowIndexNormal	1	199.5	199.5	58.7	58.7

**Group : Dih(10000)**

Searching up to index : 4000  
How many normal groups are found : 25  
Total Time in s : 223.5

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
FindTQuotients	1	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
AddGroup	40	0.1	0.1	0.0	0.0
FindPModules	1635	223.5	223.4	65.9	65.9
FindPQuotients	23	223.5	223.5	65.9	65.9
LowIndexNormal	1	223.5	223.5	65.9	65.9