

FreeProductsBaseProfile

July 16, 2018

Group : $C_2 * C_3$

Searching up to index : 2500

How many normal groups are found : 527

Total Time in s : 507.5

Total Magma-Time in s : 402.63

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
526	7.7	7.4	4146563.6	4118288.1	FindIntersections
1	13.4	13.4	3585251.2	3585248.5	FindTQuotients
1059	300.8	300.2	244671368.2	244582041.4	AddGroup
527	486.2	482.2	332517169.7	331835351.7	FindPQuotients
1	507.5	507.5	340248984.8	340248984.6	LowIndexNormal

Group : $C_2 * C_{12}$

Searching up to index : 150

How many normal groups are found : 355

Total Time in s : 53.9

Total Magma-Time in s : 270.79

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
1	0.0	0.0	8503.5	8503.1	FindTQuotients
354	3.5	3.3	1137355.7	1113756.3	FindIntersections
748	36.4	36.0	13708846.8	13669267.9	AddGroup
355	50.3	49.5	17276994.0	17195149.2	FindPQuotients
1	53.9	53.9	18422853.4	18422853.3	LowIndexNormal

Group : $C_2 * C_4$

Searching up to index : 500

How many normal groups are found : 688

Total Time in s : 231.0

Total Magma-Time in s : 470.73

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
1	0.1	0.1	43159.9	43158.6	FindTQuotients
687	8.9	8.3	3439239.7	3348405.1	FindIntersections
1522	134.8	133.5	78268576.3	78089909.3	AddGroup
688	221.8	219.2	114980202.2	114703338.2	FindPQuotients
1	231.0	231.0	118462602.0	118462601.9	LowIndexNormal

Group : $C_2 * C_5$

Searching up to index : 2000

How many normal groups are found : 205

Total Time in s : 539.9

Total Magma-Time in s : 266.68

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
204	0.2	0.1	72515.7	69891.9	FindIntersections
1	5.1	5.1	1260459.3	1260456.8	FindTQuotients
369	99.3	99.3	66930992.9	66918953.7	AddGroup
205	534.5	465.8	211439395.5	184674606.1	FindPQuotients
1	539.9	539.9	212772370.7	212772370.6	LowIndexNormal

Group : $C_2 * C_6$

Searching up to index : 500

How many normal groups are found : 862

Total Time in s : 363.8

Total Magma-Time in s : 917.5

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
1	0.5	0.5	128841.8	128840.3	FindTQuotients
861	17.1	16.2	6736384.8	6608010.2	FindIntersections
1896	246.0	244.0	136913274.1	136652804.2	AddGroup
862	346.1	340.8	174319179.2	172907966.1	FindPQuotients
1	363.8	363.8	181184406.0	181184405.9	LowIndexNormal

Group : $C_2 * C_7$

Searching up to index : 1000

How many normal groups are found : 63

Total Time in s : 19.4

Total Magma-Time in s : 46.2

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
62	0.0	0.0	5533.0	5321.3	FindIntersections
1	0.4	0.4	116428.0	116427.4	FindTQuotients
83	6.4	6.4	4508574.1	4507899.3	AddGroup
63	18.9	17.9	9666852.6	9297793.0	FindPQuotients
1	19.4	19.4	9788813.9	9788813.8	LowIndexNormal

Group : $C_2 * C_8$

Searching up to index : 500

How many normal groups are found : 1187

Total Time in s : 1119.2

Total Magma-Time in s : 2765.47

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
1	0.6	0.6	148939.8	148938.0	FindTQuotients
1186	45.0	42.7	19501318.3	19134786.3	FindIntersections
2779	765.5	761.5	390079038.6	389482294.5	AddGroup
1187	1073.6	1053.4	508280416.8	501387161.0	FindPQuotients
1	1119.2	1119.2	527930675.0	527930674.9	LowIndexNormal

Group : $C_2 * C_{10}$

Searching up to index : 500

How many normal groups are found : 469

Total Time in s : 120.7

Total Magma-Time in s : 243.42

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
1	0.1	0.1	34251.1	34250.4	FindTQuotients
468	2.5	2.3	780868.9	751592.6	FindIntersections
944	54.6	54.0	32259845.8	32190417.7	AddGroup
469	118.0	115.8	56929561.3	56495869.8	FindPQuotients
1	120.7	120.7	57744681.6	57744681.4	LowIndexNormal

Group : $C_2 * C_{11}$

Searching up to index : 1000

How many normal groups are found : 21

Total Time in s : 10.3

Total Magma-Time in s : 58.27

Count	AbsT/s	ChildT/s	AbsS/mb	ChildS/mb	Function
20	0.0	0.0	36.4	17.5	FindIntersections
29	0.9	0.9	642132.6	642028.8	AddGroup
21	3.3	3.3	1585818.5	1580498.2	FindPQuotients
1	7.0	6.9	1564089.4	1564088.9	FindTQuotients
1	10.3	10.3	3149944.5	3149944.4	LowIndexNormal