G1

('Number of nodes before', 1)

('Is it connected before: ', True)

('Number of nodes after', 998)

('Is it connected after: ', True)

100

drawing the loglog-plot

Average shortest path:

1.59146391313

Clustering coefficient:

0.828310380405

Number of nodes :

899

100

drawing the loglog-plot

Average shortest path:

1.29413062805

Clustering coefficient:

0.835402465867

Number of nodes :

799

100

drawing the loglog-plot

Average shortest path:

1.30326398852

Clustering coefficient:

0.833711082424

Number of nodes :

699

100

drawing the loglog-plot

Average shortest path:

1.29823308292

Clustering coefficient:

0.834645671399

Number of nodes :

600

100

drawing the loglog-plot

Average shortest path:

1.5873987976

Clustering coefficient:

0.836101964913

Number of nodes :

500

G1 – highest degree:

('Number of nodes before', 1)

('Is it connected before: ', True)

('Number of nodes after', 999)

('Is it connected after: ', True)

100

drawing the loglog-plot

Average shortest path:

1.17489682504

Clustering coefficient:

0.888018045852

Number of nodes :

898

100

drawing the loglog-plot

Average shortest path:

1.1507926825

Clustering coefficient:

0.899527031642

Number of nodes :

797

100

drawing the loglog-plot

Average shortest path:

1.1356609784

Clustering coefficient:

0.871985035277

Number of nodes :

695

100

drawing the loglog-plot

Average shortest path:

1.15715354532

Clustering coefficient:

0.85277240518

Number of nodes :

595

500

drawing the loglog-plot

Average shortest path:

1.21133415419

Clustering coefficient:

0.756768719871

Number of nodes :

491

G2 Highest degree

('Number of nodes before', 5)

('Is it connected before: ', True)

('Number of nodes after', 3000)

('Is it connected after: ', False)

1

drawing the loglog-plot

Average shortest path:

1.20815577745

Clustering coefficient:

0.00177510636672

Number of nodes :

579

1

drawing the loglog-plot

Average shortest path:

1.29036252182

Clustering coefficient:

0.0

Number of nodes :

115

1

drawing the loglog-plot

Average shortest path:

1.27355024257

Clustering coefficient:

0.0

Number of nodes :

88

1

drawing the loglog-plot

Average shortest path:

1.21525784157

Clustering coefficient:

0.0

Number of nodes :

61

1

drawing the loglog-plot

Average shortest path:

1.18400673401

Clustering coefficient:

0.0

Number of nodes :

52

G3 – highest degree

500

drawing the loglog-plot

Average shortest path:

2.73683470807

Clustering coefficient:

0.00887783042075

Number of nodes :

3431

500

drawing the loglog-plot

Average shortest path:

2.8077020621

Clustering coefficient:

0.00828204816499

Number of nodes :

2931

500

drawing the loglog-plot

Average shortest path:

2.93379377824

Clustering coefficient:

0.00760192443323

Number of nodes :

2431

500

drawing the loglog-plot

Average shortest path:

3.22196987789

Clustering coefficient:

0.00661461449604

Number of nodes :

1931

500

drawing the loglog-plot

Average shortest path:

3.70861200295

Clustering coefficient:

0.00546094172929

Number of nodes :

1431