

file	nodes	edges	density	l	time
494_bus.mtx.rnd	494	586	0.0048123116341329	19	110.71381688118
662_bus.mtx.rnd	662	906	0.0041409381555914	23	527.46754360199
685_bus.mtx.rnd	685	1282	0.0054723182652495	22	1485.4226880074
arc130.mtx.rnd	130	715	0.085271317829457	4	53.188780784607
ash292.mtx.rnd	292	958	0.022548604246105	3	330.50416231155
bcsprw01.mtx.rnd	39	46	0.062078272604588	13	0.067818880081177
bcsprw02.mtx.rnd	49	59	0.050170068027211	8	0.14164876937866
bcsprw03.mtx.rnd	118	179	0.025930754744314	10	4.4311490058899
bcsprw04.mtx.rnd	274	669	0.017887222266784	10	158.92124223709
bcsprw05.mtx.rnd	443	590	0.0060263730427055	14	144.09071969986
bcsstk01.mtx.rnd	48	176	0.15602836879433	4	1.6216638088226
bcsstk04.mtx.rnd	132	1758	0.20333102012491	4	209.51163196564
bcsstk05.mtx.rnd	153	1135	0.097609219126247	4	195.61720395088
bcsstk06.mtx.rnd	420	3720	0.042277531537675	4	4047.3594536781
bcsstk19.mtx.rnd	817	3018	0.0090539275685795	11	12525.488302469
bcsstk20.mtx.rnd	467	1295	0.011901370265874	58	1613.8319373131
bcsstk22.mtx.rnd	110	254	0.042368640533778	22	12.305026292801
bcsstm07.mtx.rnd	420	3416	0.038822593476531	4	4844.1784944534
bp____0.mtx.rnd	822	3260	0.009661234444968	7	11312.316076756
bp__200.mtx.rnd	822	3788	0.011225998796791	6	11062.260090828
bp__400.mtx.rnd	822	4015	0.011898728925321	7	12091.544835329
bp__600.mtx.rnd	822	4157	0.012319555701758	6	15931.007796764
bp__800.mtx.rnd	822	4518	0.01338940405594	6	16929.411557436
bp__1000.mtx.rnd	822	4635	0.013736141611174	6	22045.535763741
bp__1200.mtx.rnd	822	4698	0.013922846448607	6	18032.748785734
bp__1400.mtx.rnd	822	4760	0.014106587717193	6	16367.775210381
bp__1600.mtx.rnd	822	4809	0.014251802590752	7	19907.798105717
can__144.mtx.rnd	144	576	0.055944055944056	24	68.87552022934
can__161.mtx.rnd	161	608	0.047204968944099	3	87.761899232864
can__292.mtx.rnd	292	1124	0.02645577366662	5	412.41434216499
can__445.mtx.rnd	445	1682	0.017026014778824	10	1434.6449372768
can__715.mtx.rnd	715	2975	0.011655011655012	16	9170.6192395687
can__838.mtx.rnd	838	4586	0.013076591874036	15	17443.090572119
curtis54.mtx.rnd	54	124	0.086652690426275	9	1.4566614627838
dwt__209.mtx.rnd	209	767	0.035287081339713	8	160.03981852531
dwt__221.mtx.rnd	221	704	0.0289592760181	12	159.06713747978
dwt__234.mtx.rnd	117	162	0.023872679045093	8	3.9515764713287
dwt__245.mtx.rnd	245	608	0.0203412512546	11	140.67086219788
dwt__310.mtx.rnd	310	1069	0.022319657584299	3	504.68915605545
dwt__361.mtx.rnd	361	1296	0.01994459833795	3	840.44473791122
dwt__419.mtx.rnd	419	1572	0.017951148211166	11	1212.2153713703
dwt__503.mtx.rnd	503	2762	0.021876707880209	8	3505.3606228828
dwt__592.mtx.rnd	592	2256	0.01289614487584	3	3418.3382258415

file	nodes	edges	density	l	time
dwt__878.mtx.rnd	878	3285	0.0085324010462256	3	10879.050904512
dwt__918.mtx.rnd	918	3233	0.007681104672573	20	11322.70097065
dwt__992.mtx.rnd	992	7876	0.016023241430943	3	55408.878312349
fs_183_1.mtx.rnd	183	701	0.042094517504354	4	109.11057209969
fs_541_1.mtx.rnd	541	2466	0.016882316697474	3	2130.1699185371
fs_680_1.mtx.rnd	680	1464	0.0063415056744347	5	2181.6548907757
fs_760_1.mtx.rnd	760	3518	0.01219748977186	6	9737.436722517
gent113.mtx.rnd	104	549	0.10250186706497	6	27.119455099106
gr_30_30.mtx.rnd	900	3422	0.0084587813620072	3	12041.427155972
gre__115.mtx.rnd	115	267	0.040732265446224	4	10.074062824249
gre__185.mtx.rnd	185	650	0.038190364277321	4	94.189111948013
gre__343.mtx.rnd	343	1092	0.018617973505192	4	480.49771738052
gre__512.mtx.rnd	512	1680	0.012842465753425	4	1660.1477262974
gre_216a.mtx.rnd	216	660	0.028423772609819	4	111.44671344757
hor__131.mtx.rnd	434	2138	0.02275412139079	3	1915.7568175793
ibm32.mtx.rnd	32	90	0.18145161290323	5	0.3510890007019
impcol_a.mtx.rnd	206	557	0.026379351172152	9	80.642760753632
impcol_b.mtx.rnd	59	281	0.16423144360023	6	4.4291689395905
impcol_c.mtx.rnd	137	352	0.037784456848433	6	20.842258691788
impcol_d.mtx.rnd	425	1267	0.014062153163152	21	841.97515511513
impcol_e.mtx.rnd	225	1187	0.047103174603175	6	285.32083678246
jagmesh1.mtx.rnd	936	2664	0.0060880296174414	48	10479.945447683
jpwh_991.mtx.rnd	983	2678	0.0055484996467441	10	13782.495739222
lns__131.mtx.rnd	123	275	0.036652005864321	4	12.425818920135
lns__511.mtx.rnd	503	1425	0.011286860510245	4	1580.6417756081
lund_a.mtx.rnd	147	1151	0.107259342093	3	141.9346909523
lund_b.mtx.rnd	147	1147	0.10688659025254	3	141.17763710022
mcca.mtx.rnd	168	1662	0.11847733105218	3	285.53162693977
nnc261.mtx.rnd	261	794	0.023401119952844	6	259.45973467827
nnc666.mtx.rnd	666	2148	0.0096999254893992	8	5063.1830050945
nos1.mtx.rnd	158	312	0.025155204386036	4	20.65675163269
nos2.mtx.rnd	638	1272	0.0062597501021146	4	1630.062128067
nos3.mtx.rnd	960	7442	0.016167014250956	4	44236.462475777
nos4.mtx.rnd	100	247	0.04989898989899	4	8.0215501785278
nos5.mtx.rnd	468	2352	0.021523087904244	5	2850.9462924004
nos6.mtx.rnd	675	1290	0.0056709528519618	4	1434.5014977455
nos7.mtx.rnd	729	1944	0.0073260073260073	4	3428.3116652966
orsirr_2.mtx.rnd	886	2542	0.0064837841629363	4	7267.4387631416
plat362.mtx.rnd	362	2712	0.041505333557797	3	2050.0563349724
plskz362.mtx.rnd	362	880	0.013467807349138	4	376.95552611351
pores_1.mtx.rnd	30	103	0.2367816091954	4	0.42184495925903
pores_3.mtx.rnd	456	1769	0.017052245999614	4	1627.001875639
saylr1.mtx.rnd	238	445	0.015778463284048	4	60.653790473938

file	nodes	edges	density	l	time
saylr3.mtx.rnd	681	1373	0.0059298609311566	12	1633.0095584393
sherman1.mtx.rnd	681	1373	0.0059298609311566	12	1632.5958662033
sherman4.mtx.rnd	546	1341	0.0090130053432806	4	1245.8086948395
shl_0.mtx.rnd	663	1682	0.0076645113076604	7	2216.3135340214
shl_200.mtx.rnd	663	1720	0.0078376691136599	6	2301.2343840599
shl_400.mtx.rnd	663	1709	0.0077875444856074	6	2292.5605986118
steam1.mtx.rnd	240	1761	0.061401673640167	4	560.6246342659
steam2.mtx.rnd	600	6580	0.036616583194213	4	22259.799015045
steam3.mtx.rnd	80	424	0.13417721518987	3	13.669355154037
str_0.mtx.rnd	363	2446	0.037228132657565	7	1732.0520355701
str_200.mtx.rnd	363	3049	0.046405795777971	7	2363.7399950027
str_600.mtx.rnd	363	3244	0.049373696787057	6	2597.5334653854
west0132.mtx.rnd	132	404	0.046726810085589	5	24.725525379181
west0156.mtx.rnd	156	371	0.030686517783292	7	26.53409409523
west0167.mtx.rnd	167	489	0.03527883991054	6	46.540175676346
west0381.mtx.rnd	381	2150	0.029700234839066	5	1415.8222551346
west0479.mtx.rnd	479	1889	0.016500554677195	6	1776.4899435043
west0497.mtx.rnd	497	1715	0.013914129940936	7	1594.904753685
west0655.mtx.rnd	655	2841	0.013264234190069	7	5731.8415782452
will199.mtx.rnd	199	660	0.033500837520938	6	96.353856801987
will57.mtx.rnd	57	127	0.079573934837093	4	1.2536654472351

Table 1: De Pina Benchmark