

Graph_Name	Size	Root Node			SBC Algorithm					
		UB	LB	Time	Gap in %	UB	LB	Time	# of Nodes	Gap in %
2g_44_1601	14	-954077	-954077	0	0	-954077	-954077	0	1	0
2g_55_62	25	-1484348	-1484348	11	0	-1484348	-1484348	11	1	0
2g_66_66	36	-2865560	-2865560	82	0	-2865560	-2865560	82	1	0
2g_77_777	49	-3282435	-3282435	928	0	-3282435	-3282435	928	1	0
2g_88_88	64	-5935341	-5935341	2650	0	-5935341	-5935341	2650	1	0
2g_99_9211	81	-5064081	-5085397.5	7224	0.42	-5070020	-5070020	94675	3	0
2g_1010_824	100	-7024864	-7025702	24784	0.012	-7024864	-7024864	65034	3	0
2pm_44_44	16	-13	-13	0	0	-13	-13	0	1	0
2pm_55_55	25	-20	-20	4	0	-20	-20	4	1	0
2pm_66_66	36	-29	-29	7	0	-29	-29	7	1	0
2pm_77_777	49	-40	-40	34	0	-40	-40	34	1	0
2pm_88_888	64	-55	-55	462	0	-55	-55	462	1	0
2pm_99_999	81	-64	-64	1815	0	-64	-64	1815	1	0
3g_234_234	24	-1952753	-1954259.5	10	0.077	-1952753	-1952753	19	3	0
3g_333_333	27	-1882389	-1882389	5	0	-1882389	-1882389	5	1	0
3g_244_244	32	-2725383	-2725383	19	0	-2725383	-2725383	19	1	0
3g_334_334	36	-3410696	-3410696	83	0	-3400015	-3400015	378	3	0
3g_344_344	48	-5301516	-5312218	827	0.201	-5301516	-5301516	1638	3	0
3g_444_444	64	-7582886	-7622245	3468	0.519	-7603756	-7603756	9261	3	0
3pm_234_234	24	-20	-20	1	0	-20	-20	1	1	0
3pm_333_333	27	-26	-26	1	0	-26	-26	1	1	0
3pm_334_334	36	-36	-36	1	0	-36	-36	1	1	0
3pm_344_344	48	-48	-48	225	0	-48	-48	225	1	0
3pm_444_444	64	-65	-68	2202	4.61	-65	-67	86400	22	3.07
clique_20	20	147	147	0	0	147	147	0	1	0
clique_30	30	495	495	2	0	495	495	2	1	0
clique_40	40	1183	1183	30	0	1183	1183	30	1	0
clique_50	50	2312	2312	147	0	2312	2312	147	1	0
clique_60	60	3990	3990	121	0	3990	3990	121	1	0
clique_70	70	6348	6346	917	0.031	6348	6348	1686	3	0

Table 1: SBC results for spinglass2g, spinglass2pm, spinglass3g, spinglass3pm, and clique instances where $k = 3$. The time is given in seconds with a time limit of 1 day.