

Sheet1																													
DETECTION LIMIT: 1000s RUN TIME LIMIT: 5000s		Problem info			Search time (s)					Decisions					Unit propagation					Symmetry propagation					Unit/Symmetry Propagation				
Problem	Status	Detection time (s)	Total symmetries	Inverting symmetries	Minisat	+SP(SAT) no storing	+SP(SAT) storing	+SP(SAT) optimized	+Shatter	Minisat	+SP(SAT) no storing	+SP(SAT) storing	+SP(SAT) optimized	+Shatter	Minisat	+SP(SAT) no storing	+SP(SAT) storing	+SP(SAT) optimized	+Shatter	+SP(SAT) no storing	+SP(SAT) storing	+SP(SAT) optimized	+SP(SAT) no storing	+SP(SAT) storing	+SP(SAT) optimized				
GreenTao_2-4-4_512.cnf	NO DATA	0.15	2	2											5664263651	5525306662	5478862823	5324373468	5603652826	0	0	0	0.00%	0.00%	0.00%				
li-exam-61.shuffled-as.sat03-366.cnf	NO DATA	71.49	104	0											6225443628	7673035057	9370175438	9052752428	5254351187	308435	2560	3215	0.00%	0.00%	0.00%				
openstacks-sequencedstrips-nonadl-nonnegated-os-sequencedstrips-p30_1.035-NOTKNOWN.cnf	NO DATA	340.52	4	0											1930502484	1838681594	1734802421	1759951689	2381621595	34519	56	64	0.00%	0.00%	0.00%				
openstacks-sequencedstrips-nonadl-nonnegated-os-sequencedstrips-p30_3.025-NOTKNOWN.cnf	NO DATA	145.3	3	0											3437148765	3598047892	3412885616	3413777784	3647673902	2848	20	20	0.00%	0.00%	0.00%				
rbcl_xits_09_NO DATA.cnf	NO DATA	2.66	1	0											885311105	357163178	377271147	552002829	467019472	111170	6978	19460	0.03%	0.00%	0.00%				
rpoc_xits_09_UNSAT.cnf	NO DATA	3.52	2	0											1492732087	916707883	1934613033	850967286	1907759271	418708	285352	165664	0.05%	0.01%	0.02%				
SGI_30_80_17_90_7-log.shuffled-as.sat03-190.cnf	NO DATA	1.1	3	0											685769332	645389113	693228150	649339322	794519090	7766210	5964965	6181909	1.20%	0.86%	0.95%				
VanDerWaerden_2-3-15_218.cnf	NO DATA	0.41	1	0											3606697986	3349606145	3304394792	3238559931	3843082762	172	114	1264	0.00%	0.00%	0.00%				
VanDerWaerden_2-3-16_238.cnf	NO DATA	0.55	1	0											3288597429	3280846881	3188630731	3245952235	3517993534	32	36	475	0.00%	0.00%	0.00%				
VanDerWaerden_2-3-17_279.cnf	NO DATA	0.97	1	0											3225961808	3138619980	3140293236	2822101355	3484126168	7	3	258	0.00%	0.00%	0.00%				
VanDerWaerden_2-3-18_312.cnf	NO DATA	1.41	1	0											2934924737	2852083824	2760456408	2774920094	3184249378	1	1	67	0.00%	0.00%	0.00%				
289-sat-11x10.cnf	SAT	1.88	22	0	0.00	0.00	0.00	0.01	0.00	1830	1263	917	1473	5018	17949	11079	8316	14035	28833	158	102	352	1.43%	1.23%	2.51%				
289-sat-11x4.cnf	SAT	0.07	16	0	0.00	0.00	0.00	0.00	0.00	78	78	78	78	1241	176	176	176	176	2132	0	0	0	0.00%	0.00%	0.00%				
289-sat-11x9.cnf	SAT	1.26	21	0	0.00	0.00	0.00	0.00	0.00	1437	1600	957	1009	2118	11339	12777	7547	9116	3897	122	80	260	0.95%	1.06%	2.85%				
289-sat-12x14.cnf	SAT	8.52	27	0	0.00	0.00	0.00	0.01	0.01	2013	1783	1609	1691	17257	19911	19448	13590	16758	104889	309	245	798	1.59%	1.80%	4.76%				
289-sat-12x15.cnf	SAT	10.68	28	0	0.00	0.01	0.01	0.05	0.14	2072	2827	2607	2274	38341	17705	23600	27524	26595	884291	386	206	748	1.64%	0.75%	2.81%				
289-sat-14x8.cnf	SAT	1.81	23	0	0.00	0.00	0.00	0.00	0.00	1256	1194	1704	1330	3356	9460	8872	13089	10130	10631	74	133	336	0.83%	1.02%	3.32%				
289-sat-4x35.cnf	SAT	3.94	40	0	0.00	0.00	0.00	0.00	0.00	222	222	222	222	1603	560	560	560	560	3297	0	0	0	0.00%	0.00%	0.00%				
289-sat-4x8.cnf	SAT	0.03	13	0	0.00	0.00	0.00	0.00	0.00	60	60	60	60	361	128	128	128	128	639	0	0	0	0.00%	0.00%	0.00%				
289-sat-5x8.cnf	SAT	0.05	14	0	0.00	0.00	0.00	0.00	0.00	249	109	102	83	557	1650	575	469	325	913	19	10	17	3.30%	2.13%	5.23%				
289-sat-6x19.cnf	SAT	1.82	26	0	0.00	0.00	0.00	0.00	0.00	1118	660	735	606	3612	11538	6317	6432	6583	11322	149	201	371	2.36%	3.13%	5.64%				
289-sat-6x20.cnf	SAT	2.18	27	0	0.00	0.00	0.00	0.00	0.00	847	792	1112	669	3810	9494	7495	12327	7737	11607	202	237	390	2.70%	1.92%	5.04%				
289-sat-6x8.cnf	SAT	0.09	15	0	0.00	0.00	0.00	0.00	0.00	265	286	370	310	880	1711	1857	2344	2215	1388	24	25	76	1.29%	1.07%	3.43%				
289-sat-6x9.cnf	SAT	0.15	16	0	0.00	0.00	0.00	0.00	0.00	305	341	334	282	1003	2477	2357	2400	1992	1561	59	60	91	2.50%	2.50%	4.57%				
289-sat-7x6.cnf	SAT	0.07	14	0	0.00	0.00	0.00	0.00	0.00	79	79	79	75	893	249	249	249	199	1549	0	0	4	0.00%	0.00%	2.01%				
289-sat-9x13.cnf	SAT	2.2	23	0	0.00	0.00	0.00	0.01	0.00	689	679	594	722	4877	5664	5737	5274	7574	13607	204	154	380	3.56%	2.92%	5.02%				
abb313GPIA-9-tr.used-as.sat04-321.cnf	SAT	121.74	137	0	0.09	0.26	0.14	0.60	0.24	15322	29139	13762	15810	144267	526830	1310627	691909	649977	2150319	836	252	510	0.06%	0.04%	0.08%				
AProVE11-09.cnf	SAT	244.97	42	0	0.27	0.34	0.32	0.30	0.27	2483	2483	2483	2483	2483	1606899	1606899	1606899	1606899	1607046	0	0	0	0.00%	0.00%	0.00%				
AProVE11-15.cnf	SAT	951.56	55	0	3.45	6.28	6.09	11.85	2.28	66741	65796	76477	86532	131695	29168646	33967751	34755330	54251091	19075384	4665	370	240	0.01%	0.00%	0.00%				
bart17.shuffled.cnf	SAT	0.03	31	0	0.00	0.00	0.00	0.00	0.00	1008	162	448	129	1291	11421	2088	4893	1589	8333	18	34	43	0.86%	0.69%	2.71%				
dp04s04.shuffled.cnf																													