

Problem	E	iProver	iProver without Inst	Equiv(ClausaAll)	ClausaAll	Sat	Presat(ClausaAll)	Presat(l)	Presat(Nil)	#system	SOTAC
SWW451+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	9	0.1
SWW453+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	10	0.09090909090909
SWW455+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	11	0.08333333333333
SWW458+1.p	Unknown	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	5	0.16666666666667
SWW464+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	None	Unknown	Unknown	Unknown	11	0.08333333333333
SWW486+2.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	8	0.11111111111111
SWW486+3.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	8	0.11111111111111
SWW487+3.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	7	0.125
SWW492+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	6	0.14285714285714
SWW594+1.p	Unsatisfiable	Unsatisfiable	Unknown	SaturatedModulo	SaturatedModulo	None	SaturatedModulo	Unknown	SaturatedModulo	11	0.08333333333333
SWW807+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	SaturatedModulo	1	0.5
SWW858+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unsatisfiable	None	Unsatisfiable	Unsatisfiable	Unknown	10	0.09090909090909
SWW958+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unsatisfiable	None	Unsatisfiable	Unknown	Unknown	10	0.09090909090909
SWW959+1.p	ResourceOut	Unsatisfiable	Unknown	Unknown	Unknown	None	Unsatisfiable	Unknown	Unknown	6	0.14285714285714
SWW998+1.p	ResourceOut	Unknown	Unknown	SaturatedModulo	SaturatedModulo	None	SaturatedModulo	Unknown	SaturatedModulo	0	1
SWW185+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	7	0.125
SWW186+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	8	0.11111111111111
SWW203+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	SaturatedModulo	5	0.16666666666667
SWW208+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	None	Unsatisfiable	Unsatisfiable	SaturatedModulo	9	0.1
SWW223+1.p	ResourceOut	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	5	0.16666666666667
SWW230+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	5	0.16666666666667
SWW233+1.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	None	Unsatisfiable	Unknown	SaturatedModulo	10	0.09090909090909
SWW245+1.p	Unknown	Unsatisfiable	Unsatisfiable	Unknown	Unknown	None	Unknown	Unknown	SaturatedModulo	3	0.25
SWW255+1.p	ResourceOut	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	6	0.14285714285714
SWW262+1.p	ResourceOut	Unknown	Unknown	Unsatisfiable	Unsatisfiable	None	Unsatisfiable	Unknown	SaturatedModulo	6	0.14285714285714
SWW267+1.p	ResourceOut	Unknown	Unknown	Unsatisfiable	Unknown	None	Unsatisfiable	Unknown	SaturatedModulo	6	0.14285714285714
SWW271+1.p	Unknown	Unsatisfiable	Unknown	Unknown	Unsatisfiable	None	Unsatisfiable	Unsatisfiable	SaturatedModulo	9	0.1
SWW272+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unsatisfiable	None	Unsatisfiable	Unknown	SaturatedModulo	8	0.11111111111111
SWW275+1.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	5	0.16666666666667
SWW293+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	6	0.14285714285714
SWW294+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unsatisfiable	SaturatedModulo	6	0.14285714285714
SWW298+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unsatisfiable	SaturatedModulo	7	0.125
SWW308+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	3	0.25
SWW314+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unsatisfiable	SaturatedModulo	7	0.125
SWW319+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	4	0.2
SWW320+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	3	0.25
SWW324+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	4	0.2
SWW327+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	3	0.25
SWW339+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	5	0.16666666666667
SWW349+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	5	0.16666666666667
SWW361+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	6	0.14285714285714
SWW374+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	5	0.16666666666667
SWW385+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unsatisfiable	SaturatedModulo	6	0.14285714285714
SWW386+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unsatisfiable	SaturatedModulo	6	0.14285714285714
SWW391+1.p	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	Unsatisfiable	6	0.14285714285714
SWW392+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	6	0.14285714285714
SWW393+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	None	Unknown	SaturatedModulo	4	0.2
SWW445+1.p	ResourceOut	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	Unknown	3	0.25
SWW473+5.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	None	Unknown	Unknown	Unknown	9	0.1
SWW473+7.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	SaturatedModulo	5	0.16666666666667
SWW474+5.p	Unsatisfiable	Unsatisfiable	Unknown	Unsatisfiable	Unknown	None	Unknown	Unknown	Unknown	7	0.125
SWW478+7.p	Unsatisfiable	Unknown	Unknown	Unsatisfiable	Unsatisfiable	None	Unsatisfiable	Unsatisfiable	Unknown	12	0.07692307692308
SYN067+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	8	0.11111111111111
SYN314+1.002	ResourceOut	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	2	0.33333333333333
SYN353+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	9	0.1
SYN442+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	11	0.08333333333333
SYN445+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	12	0.07692307692308
SYN457+1.p	ResourceOut	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	6	0.14285714285714
SYN469+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	12	0.07692307692308
SYN504+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	12	0.07692307692308
SYN507+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	11	0.08333333333333
SYN512+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	12	0.07692307692308
SYN548+1.p	Unknown	Unsatisfiable	Unknown	Unsatisfiable	Unknown	Unsatisfiable	None	None	None	9	0.1
SYN612+1.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	8	0.11111111111111
SYN658+1.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	7	0.125
SYN694+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	9	0.1
SYN707+1.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	7	0.125
SYN708+1.p	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	7	0.125
SYN711+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	8	0.11111111111111
SYN723+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	11	0.08333333333333
SYN762+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	9	0.1
SYN802+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	8	0.11111111111111
SYN917+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	13	0.07142857142857
SYN938+1.p	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	Unsatisfiable	12	0.07692307692308
SYN986+1.00	Unsatisfiable	Unknown	Unknown	SaturatedModulo	Unknown	None	Unknown	Unknown	Unknown	4	0.2
SYO525+1.01	ResourceOut	Unknown	Unknown	SaturatedModulo	Unknown	None	Unknown	Unsatisfiable	SaturatedModulo	3	0.25
TOP005+2.p	Unsatisfiable	Unsatisfiable	Unknown	Unsatisfiable	Unsatisfiable	None	Unknown	Unknown	Unsatisfiable	9	0.1
TOP027+2.p	Unknown	Unknown	Unknown	Unknown	Unknown	None	Unknown	Unknown	SaturatedModulo	6	0.14285714285714
Theorems	339	228	129	127	142	37	109	113	39		
Unknown	111	222	321	254	266	28	253	297	137		
Orientation fail	0	0	0	31	31	379	76	33	33		
No Proof	0	0	0	38	11	6	12	7	241		
Total	450	450	450	450	450	450	450	450	450		
SOTAC	0.11563836032863	0.10431107635055	0.08946266911383	0.10532601694019	0.09174081005067	0.08774048774049	0.09206061522575	0.09122774963483	0.09242993473763		