Table 1: SCIP Solver no symmetry CFLP instances

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
200	16.18	12.69	13.76	84.69	49.53
200	16.5	38.97	15.6	23.41	70.74
200	16.14	12.02	17.12	69.64	139.96
200	16.53	16.23	18.13	24.17	132.91
200	16.66	16.83	14.28	86.87	46.32
201	3600.0	3600.0	3600.0	3600.0	3600.0
201	3600.0	3600.0	3600.0	3600.0	3600.0
201	3600.0	3600.0	3600.0	3600.0	3600.0
201	3600.0	3600.0	3600.0	3600.0	3600.0
201	3600.0	3600.0	3600.0	3600.0	3600.0
202	3600.0	3600.0	3600.0	3600.0	3600.0
202	3600.0	3600.0	3600.0	3600.0	3600.0
202	3600.0	3600.0	3600.0	3600.0	3600.0
202	3600.0	3600.0	3600.0	3600.0	3600.0
202	3600.0	3600.0	3600.0	3600.0	3600.0
203	3600.0	3600.0	3600.0	3600.0	27.03
203	3600.0	3600.0	3600.0	3600.0	26.61
203	3600.0	3600.0	3600.0	3600.0	21.78
203	3600.0	3600.0	3600.0	3600.0	31.06
203	3600.0	3600.0	3600.0	3600.0	26.92
204	2188.99	3600.0	3600.0	3600.0	70.59
204	2110.25	3600.0	3600.0	2654.35	55.52
204	3078.88	3600.0	3600.0	1038.51	59.73
204	2753.56	3600.0	3600.0	3072.64	141.37
204	2213.76	3600.0	3600.0	3600.0	64.61
205	763.81	2176.11	571.32	98.13	15.93
205	655.76	1892.02	551.63	211.71	15.87
205	760.08	3600.0	836.8	41.75	20.79
205	698.18	3600.0	509.59	91.94	8.91
205	635.8	3600.0	675.66	143.9	16.27
206	2166.39	3600.0	3600.0	892.09	10.37
206	2023.36	3600.0	3600.0	903.76	33.6
206	2595.18	3600.0	3600.0	1858.33	26.03
206	1969.88	3600.0	3600.0	1886.44	12.19
206	1907.12	3600.0	3600.0	1675.39	21.95
207	3600.0	3600.0	3600.0	3600.0	0.9
207	3600.0	3600.0	3600.0	3600.0	2.91
207	3600.0	3600.0	3600.0	3600.0	0.95

Continued on next page

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
207	3600.0	3600.0	3600.0	3600.0	0.95
207	3600.0	3600.0	3600.0	3600.0	2.9
208	99.06	82.2	53.03	218.75	125.96
208	99.19	161.64	73.43	190.65	101.47
208	99.62	50.27	60.54	161.52	497.9
208	99.39	67.99	46.71	160.42	150.87
208	108.42	68.54	63.09	149.38	152.85
209	87.23	85.92	91.29	184.87	264.34
209	57.89	125.59	61.78	279.02	339.17
209	71.7	115.74	67.86	336.2	198.73
209	57.97	84.48	89.65	241.39	370.11
209	83.0	90.1	115.79	381.61	530.41
210	3600.0	135.33	52.98	443.41	211.14
210	3600.0	47.09	78.52	161.75	139.54
210	3600.0	73.16	188.99	188.51	256.32
210	3600.0	72.57	215.55	260.38	132.2
210	3600.0	124.76	70.9	235.87	892.09
211	3600.0	3600.0	3600.0	3600.0	160.44
211	3600.0	3600.0	3600.0	3600.0	75.83
211	3600.0	3600.0	3600.0	3600.0	426.25
211	3600.0	3600.0	3600.0	3600.0	116.29
211	3600.0	3600.0	3600.0	3600.0	144.44
212	156.83	490.89	470.78	500.44	331.36
212	293.46	251.26	250.66	696.95	2180.0
212	244.96	747.47	356.44	816.45	2178.52
212	215.07	655.33	1024.65	622.4	468.18
212	209.41	171.46	921.21	496.11	3107.33
213	409.82	440.42	517.49	529.53	2314.98
213	430.01	422.01	521.85	907.37	693.01
213	434.64	605.17	1497.6	2661.42	1299.45
213	433.46	687.06	561.56	515.83	2113.76
213	394.3	546.63	543.98	568.68	2415.31
214	3600.0	3600.0	3600.0	3600.0	521.01
214	3600.0	3600.0	3600.0	3600.0	422.24
214	3600.0	3600.0	3600.0	3600.0	1432.58
214	3600.0	3600.0	3600.0	3600.0	1905.35
214	3600.0	3600.0	3600.0	3600.0	2092.24
215	3600.0	3600.0	3600.0	3600.0	3600.0
215	3600.0	3600.0	3600.0	3600.0	3600.0
215	3600.0	3600.0	3600.0	3600.0	3600.0

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
215	3600.0	3600.0	3600.0	3600.0	3600.0
215	3600.0	3600.0	3600.0	3600.0	3600.0
216	1175.56	3600.0	740.23	3600.0	130.84
216	1360.64	3600.0	3600.0	3600.0	455.93
216	1382.49	3600.0	656.11	3600.0	1624.88
216	3600.0	3600.0	3600.0	1623.44	470.76
216	1425.39	3600.0	1995.45	3600.0	399.99
217	3600.0	3600.0	3600.0	3600.0	3600.0
217	3600.0	3600.0	3600.0	3600.0	3600.0
217	3600.0	3600.0	3600.0	3600.0	3600.0
217	3600.0	3600.0	3600.0	3600.0	3600.0
217	3600.0	3600.0	3600.0	3600.0	3600.0
218	3600.0	3600.0	3600.0	3600.0	3600.0
218	3600.0	3600.0	3600.0	3600.0	3600.0
218	3600.0	3600.0	3600.0	3600.0	3600.0
218	3600.0	3600.0	3600.0	3600.0	3600.0
218	3600.0	3600.0	3600.0	3600.0	3600.0
219	3600.0	3600.0	3600.0	3600.0	4.25
219	3600.0	3600.0	3600.0	3600.0	2.7
219	3600.0	3600.0	3600.0	3600.0	2.77
219	3600.0	3600.0	3600.0	3600.0	2.83
219	3600.0	3600.0	3600.0	3600.0	3.07
220	0.4	0.37	0.39	1.3	0.46
220	0.36	0.35	0.35	0.45	0.28
220	0.39	0.37	0.62	0.43	0.29
220	0.53	0.36	0.39	0.43	0.26
220	0.36	0.34	0.37	0.45	0.27
221	0.26	0.3	0.34	0.48	0.37
221	0.43	0.26	0.31	0.62	0.4
221	0.45	0.31	0.53	0.42	0.46
221	0.42	0.3	0.53	1.46	0.4
221	0.45	0.33	0.36	0.42	0.41
222	0.5	0.31	0.33	0.62	0.43
222	0.52	0.31	0.96	0.42	0.6
222	0.5	0.3	0.31	0.43	0.35
222	0.5	0.32	0.29	0.41	0.41
222	0.36	0.31	0.45	0.44	0.36
223	0.47	0.32	0.35	0.38	1.26
223	0.33	0.3	0.33	0.41	0.41
223	0.35	0.3	0.34	0.42	0.4

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
223	0.33	0.3	1.05	0.47	0.47
223	0.48	0.3	0.51	0.41	0.41
224	0.06	0.06	0.06	0.06	0.05
224	0.06	0.06	0.09	0.09	0.05
224	0.06	0.09	0.06	0.09	0.05
224	0.06	0.06	0.09	0.21	0.05
224	0.06	0.06	0.06	0.06	0.05
225	0.06	0.06	0.07	0.21	0.06
225	0.06	0.06	0.07	0.06	0.06
225	0.06	0.07	0.06	0.09	0.09
225	0.06	0.06	0.07	0.06	0.1
225	0.06	0.07	0.07	0.06	0.07
226	58.02	35.7	36.15	41.21	31.47
226	62.88	122.88	36.46	43.28	22.01
226	55.85	109.85	41.03	41.05	22.16
226	64.4	115.66	46.68	45.01	20.8
226	373.92	127.43	45.21	41.13	19.14
227	431.57	1285.76	150.11	599.75	52.93
227	219.63	601.92	1309.18	120.1	174.57
227	628.09	619.33	1430.39	131.65	0.3
227	375.43	194.2	156.54	132.21	54.26
227	404.83	255.7	160.73	198.94	56.32
228	0.73	2.23	1.18	0.96	3.65
228	0.78	2.24	1.24	3.55	1.19
228	0.74	0.69	0.76	1.25	1.02
228	0.78	0.73	0.88	0.99	1.18
228	0.73	0.84	0.72	1.12	0.89
229	0.71	0.71	0.75	0.9	1.52
229	0.71	0.69	0.72	2.7	1.3
229	0.71	0.7	0.72	0.93	1.83
229	0.72	0.77	0.71	1.16	0.92
229	0.74	1.14	1.19	1.06	0.94
230	1.24	0.72	0.74	0.95	1.21
230	1.24	0.69	1.1	0.95	1.17
230	0.71	0.73	0.74	1.14	1.19
230	1.24	0.73	0.71	0.98	1.09
230	1.2	0.78	0.69	0.87	1.29
231	0.69	0.71	0.76	0.85	1.5
231	0.77	2.2	1.09	0.74	1.19
231	1.23	2.19	0.75	0.81	1.78

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
231	0.68	0.71	0.72	0.88	1.91
231	1.25	0.84	0.71	0.92	1.27
232	1.59	1.72	1.73	2.23	2.25
232	2.53	1.8	1.89	2.57	2.22
232	2.6	1.81	1.71	3.54	2.24
232	2.73	1.75	2.62	2.27	2.66
232	2.77	1.61	2.6	2.17	2.38
233	2.57	1.77	1.6	2.67	3.49
233	2.77	1.66	4.68	4.8	3.11
233	1.67	1.9	4.78	1.78	2.62
233	1.64	2.64	1.72	1.85	2.42
233	1.61	2.82	1.89	4.76	12.27
234	1.66	2.58	1.81	1.72	1.87
234	1.65	1.84	1.86	1.68	6.17
234	1.72	2.7	2.49	1.61	6.19
234	1.65	1.6	5.18	4.81	2.3
234	1.71	1.68	1.71	1.84	8.12
235	1.65	2.65	1.58	1.71	2.31
235	1.67	1.76	1.65	1.73	2.33
235	1.81	4.76	1.69	2.86	3.5
235	1.7	1.8	1.64	2.67	2.78
235	1.7	1.82	2.77	1.72	2.27
236	0.17	0.19	0.17	0.28	0.21
236	0.17	0.18	0.59	0.7	0.2
236	0.27	0.17	0.19	0.19	0.18
236	0.22	0.6	0.16	0.22	0.2
236	0.21	0.17	0.19	0.21	0.17
237	0.22	0.16	0.18	0.18	0.3
237	0.27	0.54	0.17	0.2	0.64
237	0.27	0.17	0.16	0.21	0.21
237	0.28	0.51	0.25	0.19	0.2
237	0.28	0.54	0.23	0.22	0.6
238	3600.0	3600.0	3600.0	3600.0	3600.0
238	3600.0	3600.0	3600.0	3600.0	3600.0
238	3600.0	3600.0	3600.0	3600.0	3600.0
238	3600.0	3600.0	3600.0	3600.0	3600.0
238	3600.0	3600.0	3600.0	3600.0	3600.0
239	3600.0	3600.0	3600.0	3600.0	3600.0
239	3600.0	3600.0	3600.0	3600.0	3600.0
239	3600.0	3600.0	3600.0	3600.0	3600.0

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
239	3600.0	3600.0	3600.0	3600.0	3600.0
239	3600.0	3600.0	3600.0	3600.0	3600.0
240	351.08	33.28	60.37	29.68	197.78
240	3600.0	21.19	49.51	92.43	147.49
240	317.42	28.48	89.63	80.01	171.54
240	1087.64	28.19	95.31	89.65	230.71
240	3533.39	35.48	45.14	72.42	138.84
241	3600.0	59.35	31.28	103.97	180.17
241	3600.0	38.16	70.16	105.29	153.83
241	3600.0	81.73	34.58	145.03	146.86
241	3600.0	62.22	41.43	191.37	136.56
241	3600.0	75.84	103.03	69.19	139.06
242	3600.0	3600.0	3600.0	3600.0	3600.0
242	3600.0	3600.0	3600.0	3600.0	3600.0
242	3600.0	3600.0	3600.0	3600.0	3600.0
242	3600.0	3600.0	3600.0	3600.0	3600.0
242	3600.0	3600.0	3600.0	3600.0	3600.0
243	3600.0	3600.0	3600.0	3600.0	45.69
243	3600.0	3600.0	3600.0	3600.0	44.91
243	3600.0	3600.0	3600.0	3600.0	41.41
243	3600.0	3600.0	3600.0	3600.0	44.71
243	3600.0	3600.0	3600.0	3600.0	58.11
244	395.15	363.57	151.38	51.04	20.17
244	581.21	222.93	875.63	35.04	14.42
244	436.18	845.86	113.32	31.66	17.52
244	809.61	338.68	159.23	53.98	11.75
244	556.75	447.27	103.22	65.75	21.98
245	754.23	141.19	53.84	72.82	22.27
245	902.01	124.95	115.79	24.33	89.86
245	803.28	200.64	57.8	51.91	20.74
245	945.19	373.4	65.36	78.75	26.36
245	857.78	449.7	218.97	40.37	23.78
246	2435.14	3600.0	3600.0	3600.0	1.75
246	1860.42	1831.48	3600.0	3600.0	5.21
246	3600.0	1790.49	3600.0	3600.0	1.74
246	2443.21	2527.02	3600.0	3600.0	5.31
246	3485.17	3600.0	3600.0	3600.0	1.63
247	165.15	190.15	109.78	69.62	75.72
247	185.2	172.9	50.82	21.6	20.63
247	135.34	358.45	40.08	127.93	5.59

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Table 1 – *Continued from previous page*

Name	original	($\ell = 5$)	($\ell = 4$)	($\ell = 3$)	($\ell = 2$)
	time	time	time	time	time
247	157.46	253.93	70.65	59.5	17.83
247	193.16	155.75	74.19	39.03	21.07
248	223.4	758.24	865.18	2107.1	230.64
248	800.71	823.61	864.04	1515.69	260.95
248	538.74	665.42	484.39	489.91	806.05
248	750.8	775.06	845.27	1310.63	318.16
248	655.87	695.2	937.59	1466.39	240.27
249	3600.0	3600.0	3600.0	3600.0	3600.0
249	3600.0	3600.0	3600.0	3600.0	3600.0
249	3600.0	3600.0	3600.0	3600.0	3600.0
249	3600.0	3600.0	3600.0	3600.0	3600.0
249	3600.0	3600.0	3600.0	3600.0	3600.0
250	352.43	128.09	128.83	320.25	1394.92
250	352.7	96.47	109.93	332.83	262.77
250	328.7	120.22	147.33	267.4	371.16
250	363.98	105.92	106.36	1345.85	661.18
250	345.68	72.44	147.82	339.87	411.59
251	3600.0	3600.0	3600.0	3600.0	3600.0
251	3600.0	3600.0	3600.0	3600.0	3600.0
251	3600.0	3600.0	3600.0	3600.0	3600.0
251	3600.0	3600.0	3600.0	3600.0	3600.0
251	3600.0	3600.0	3600.0	3600.0	3600.0
252	1024.63	1078.83	1560.1	1310.67	3600.0
252	1142.99	1215.12	744.65	3600.0	3600.0
252	559.12	566.68	1364.59	3142.81	3065.4
252	813.77	811.63	1305.73	1828.15	3600.0
252	1190.53	1185.02	1237.72	3600.0	3600.0
253	3600.0	1245.53	2228.83	3600.0	3600.0
253	3600.0	1186.89	1506.71	3188.15	3030.07
253	3600.0	2623.23	3599.26	1847.2	3600.0
253	3600.0	2590.95	3600.0	3600.0	3600.0
253	3600.0	1995.19	3600.0	3600.0	3600.0
254	446.43	2122.79	2268.94	3600.0	3600.0
254	372.81	3319.43	3600.0	2791.65	3600.0
254	487.93	3600.0	3600.0	3600.0	3600.0
254	441.11	1426.93	2214.59	2583.17	3600.0
254	363.57	1721.13	3302.09	3600.0	3600.0
255	3600.0	1437.65	2512.76	3600.0	3600.0
255	3600.0	2133.58	1408.35	3600.0	2537.78
255	3600.0	3600.0	2593.21	3600.0	3600.0

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Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
255	3600.0	1200.69	3554.18	2243.72	3600.0
255	3600.0	1504.5	2340.18	3291.05	3600.0
256	8.07	29.36	10.61	11.94	24.18
256	8.28	28.45	32.0	13.89	90.92
256	8.47	8.59	36.12	35.43	97.09
256	25.65	8.53	32.0	13.4	22.54
256	25.9	9.94	10.29	12.43	77.11
257	3600.0	3600.0	3600.0	3600.0	3600.0
257	3600.0	3600.0	3600.0	3600.0	3600.0
257	3600.0	3600.0	3600.0	3600.0	3600.0
257	3600.0	3600.0	3600.0	3600.0	3600.0
257	3600.0	3600.0	3600.0	3600.0	3600.0
258	3600.0	3600.0	3600.0	3600.0	5.3
258	3600.0	3600.0	3600.0	3600.0	5.21
258	3600.0	3600.0	3600.0	3600.0	5.22
258	3600.0	3600.0	3600.0	3600.0	5.53
258	3600.0	3600.0	3600.0	3600.0	5.39
259	3600.0	3600.0	3600.0	3600.0	118.64
259	3600.0	3600.0	3600.0	3600.0	121.27
259	3600.0	3600.0	3600.0	3600.0	189.87
259	3600.0	3600.0	3600.0	3600.0	430.61
259	3600.0	3600.0	3600.0	3600.0	142.03
260	3600.0	3600.0	3600.0	3600.0	87.71
260	3600.0	3600.0	3600.0	3600.0	84.69
260	3600.0	3600.0	3600.0	3600.0	69.94
260	3600.0	3600.0	3600.0	3600.0	78.22
260	3600.0	3600.0	3600.0	3600.0	93.47
261	3600.0	3600.0	3600.0	3600.0	3600.0
261	3600.0	3600.0	3600.0	3600.0	3600.0
261	3600.0	3600.0	3600.0	3600.0	3600.0
261	3600.0	3600.0	3600.0	3600.0	3600.0
261	3600.0	3600.0	3600.0	3600.0	3600.0
262	3600.0	3600.0	3600.0	3600.0	3600.0
262	3600.0	3600.0	3600.0	3600.0	3600.0
262	3600.0	3600.0	3600.0	3600.0	3600.0
262	3600.0	3600.0	3600.0	3600.0	3600.0
262	3600.0	3600.0	3600.0	3600.0	3600.0
263	3600.0	3600.0	3600.0	3600.0	3600.0
263	3600.0	3600.0	3600.0	3600.0	3600.0
263	3600.0	3600.0	3600.0	3600.0	3600.0

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
263	3600.0	3600.0	3600.0	3600.0	3600.0
263	3600.0	3600.0	3600.0	3600.0	3600.0
264	54.59	46.0	52.25	24.13	2.83
264	27.56	27.8	10.59	12.0	8.07
264	70.58	73.26	118.72	7.54	2.74
264	101.16	30.62	59.65	10.65	2.83
264	278.74	285.31	9.56	14.43	2.57
265	3600.0	3600.0	3600.0	3600.0	198.21
265	3600.0	3600.0	3600.0	3600.0	150.51
265	3600.0	3600.0	3600.0	1364.16	99.84
265	3600.0	3600.0	3600.0	3600.0	119.43
265	3600.0	3600.0	3600.0	3600.0	109.85
266	3600.0	192.66	379.78	38.8	45.85
266	3600.0	339.53	315.93	34.1	23.11
266	3600.0	765.0	185.87	72.3	29.94
266	3070.33	814.42	273.42	38.77	20.16
266	3600.0	757.01	102.27	35.84	57.27
267	3600.0	1711.6	1026.07	123.35	125.66
267	3600.0	2053.78	3348.04	114.28	101.23
267	3600.0	3600.0	1323.68	88.95	92.98
267	3600.0	3600.0	957.7	101.68	111.04
267	1531.99	3600.0	3600.0	228.13	100.29
268	1033.21	1090.18	3600.0	2960.84	839.16
268	1910.69	2040.55	1827.18	2793.82	581.32
268	526.91	661.61	1941.84	3600.0	817.04
268	2165.09	1740.33	2093.48	3600.0	1102.99
268	1711.46	1457.45	2543.21	3600.0	3319.8
269	3600.0	3600.0	3600.0	3600.0	3600.0
269	3600.0	3600.0	3600.0	3600.0	3600.0
269	3600.0	3600.0	3600.0	3600.0	3600.0
269	3600.0	3600.0	3600.0	3600.0	3600.0
269	3600.0	3600.0	3600.0	3600.0	3600.0
270	3600.0	3600.0	3600.0	3600.0	3600.0
270	3600.0	3600.0	3600.0	3600.0	742.32
270	3600.0	3600.0	3600.0	3600.0	3600.0
270	3600.0	3600.0	3600.0	3600.0	3600.0
270	3600.0	3600.0	3600.0	3600.0	3600.0
271	3600.0	3600.0	3600.0	3600.0	3600.0
271	3600.0	3600.0	3600.0	3600.0	3600.0
271	3600.0	3600.0	3600.0	3600.0	2119.18

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
271	3600.0	3600.0	3600.0	3600.0	2112.6
271	3600.0	3600.0	3600.0	3600.0	3076.02
272	3600.0	3600.0	3600.0	3600.0	3600.0
272	2112.96	3600.0	2101.02	3600.0	3600.0
272	2047.43	3600.0	1693.42	3600.0	3600.0
272	2632.39	3600.0	2491.81	3600.0	3600.0
272	1848.26	3600.0	1834.56	3600.0	3600.0
273	3600.0	3600.0	3600.0	3600.0	3600.0
273	3600.0	3600.0	3600.0	3600.0	3600.0
273	3600.0	3600.0	3600.0	3600.0	3600.0
273	3600.0	3600.0	3600.0	3600.0	3600.0
273	3600.0	3600.0	3600.0	3600.0	3600.0
274	3600.0	3600.0	3600.0	3600.0	3600.0
274	3600.0	3600.0	3600.0	3600.0	3600.0
274	3600.0	3600.0	3600.0	3600.0	3600.0
274	3600.0	3600.0	3600.0	3600.0	3600.0
274	3600.0	3600.0	3600.0	3600.0	3600.0
275	3600.0	3600.0	3600.0	3600.0	3600.0
275	3600.0	3600.0	3600.0	3600.0	3600.0
275	3600.0	3600.0	3600.0	3600.0	3600.0
275	3600.0	3600.0	3600.0	3600.0	3600.0
275	3600.0	3600.0	3600.0	3600.0	3600.0
276	3600.0	3600.0	3600.0	2835.19	8.75
276	3600.0	3600.0	3600.0	3208.29	7.86
276	3600.0	3600.0	3600.0	2974.23	7.53
276	3600.0	3600.0	3600.0	3109.73	11.93
276	3600.0	3600.0	3600.0	3522.28	7.69
277	3600.0	3600.0	3600.0	3600.0	3600.0
277	3600.0	3600.0	3600.0	3600.0	3600.0
277	3600.0	3600.0	3600.0	3600.0	3600.0
277	3600.0	3600.0	3600.0	3600.0	3600.0
277	3600.0	3600.0	3600.0	3600.0	3600.0
278	3600.0	3600.0	3600.0	3600.0	177.68
278	3600.0	3600.0	3600.0	3600.0	262.43
278	3600.0	3600.0	3600.0	3600.0	220.93
278	3600.0	3600.0	3600.0	3600.0	177.67
278	3600.0	3600.0	3600.0	3600.0	145.51
279	3600.0	3600.0	3600.0	3600.0	3600.0
279	3600.0	3600.0	3600.0	3600.0	3600.0
279	3600.0	3600.0	3600.0	3600.0	3600.0

Continued on next page

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
279	3600.0	3600.0	3600.0	3600.0	3600.0
279	3600.0	3600.0	3600.0	3600.0	3600.0
280	3600.0	3600.0	3600.0	3600.0	3600.0
280	3600.0	3600.0	3600.0	3600.0	3600.0
280	3600.0	3600.0	3600.0	3600.0	3600.0
280	3600.0	3600.0	3600.0	3600.0	3600.0
280	3600.0	3600.0	3600.0	3600.0	3600.0
281	3600.0	3600.0	3600.0	3600.0	3600.0
281	3600.0	3600.0	3600.0	3600.0	3600.0
281	3600.0	3600.0	3600.0	3600.0	3600.0
281	3600.0	3600.0	3600.0	3600.0	3600.0
281	3600.0	3600.0	3600.0	3600.0	3600.0
282	3600.0	3600.0	3600.0	3600.0	3600.0
282	3600.0	3600.0	3600.0	3600.0	3600.0
282	3600.0	3600.0	3600.0	3600.0	3600.0
282	3600.0	3600.0	3600.0	3600.0	3600.0
282	3600.0	3600.0	3600.0	3600.0	3600.0
283	3600.0	3600.0	3600.0	3600.0	3.6
283	3600.0	3600.0	3600.0	3600.0	2.65
283	3600.0	3600.0	3600.0	3600.0	10.28
283	3600.0	3600.0	3600.0	3600.0	7.38
283	3600.0	3600.0	3600.0	3600.0	2.52
284	1.07	1.07	0.94	1.26	0.63
284	1.17	1.45	1.02	3.78	0.37
284	1.15	1.1	1.0	4.22	0.4
284	1.04	1.11	0.98	1.07	0.4
284	1.09	1.12	1.03	1.23	0.39
285	89.24	123.65	1022.38	57.94	11.66
285	85.07	165.07	551.78	30.76	7.89
285	112.91	194.05	371.6	46.23	11.96
285	84.92	241.21	210.02	30.13	9.39
285	277.6	97.5	230.32	131.16	27.03
286	773.02	1827.79	1738.29	3600.0	197.93
286	1210.43	2035.13	1534.3	2077.17	195.83
286	876.08	1369.26	2618.94	1941.22	176.61
286	2004.71	2485.57	2171.82	2547.78	175.63
286	1046.82	1959.95	2531.81	2277.97	69.09
287	211.77	146.74	147.91	2.12	1.19
287	259.7	210.77	200.13	31.71	2.86
287	337.31	185.32	345.29	38.11	1.55

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
287	288.44	125.96	579.68	120.65	1.08
287	248.3	165.82	478.35	105.23	0.95
288	25.44	18.01	27.7	83.51	57.89
288	20.57	19.65	21.11	34.76	43.42
288	20.42	16.54	27.22	93.97	32.06
288	26.23	15.79	20.9	50.36	25.39
288	19.23	20.15	18.66	28.83	35.04
289	43.5	17.22	17.37	48.39	37.42
289	39.43	16.7	22.67	30.29	35.33
289	42.4	17.71	20.42	138.02	103.97
289	42.54	18.95	20.55	36.1	151.02
289	43.08	20.02	21.29	32.84	40.78
290	3600.0	3600.0	3600.0	3600.0	26.79
290	3600.0	3600.0	3600.0	3600.0	37.52
290	3600.0	3600.0	3600.0	3600.0	39.45
290	3600.0	3600.0	3600.0	3600.0	66.64
290	3600.0	3600.0	3600.0	3600.0	41.75
291	3600.0	3600.0	3600.0	3600.0	3600.0
291	3600.0	3600.0	3600.0	3600.0	3600.0
291	3600.0	3600.0	3600.0	3600.0	3600.0
291	3600.0	3600.0	3600.0	3600.0	3600.0
291	3600.0	3600.0	3600.0	3600.0	3600.0
292	104.35	92.26	216.7	259.41	300.79
292	74.76	65.38	131.05	379.33	261.72
292	90.15	84.95	97.89	441.14	316.58
292	65.27	64.28	94.26	383.53	184.29
292	99.29	77.85	64.95	1026.59	826.22
293	49.18	47.47	73.41	229.41	231.85
293	54.09	175.53	92.15	655.05	320.09
293	58.55	48.77	117.9	180.19	430.13
293	50.29	77.33	83.62	753.67	372.43
293	64.24	47.46	113.86	655.63	392.75
294	124.31	63.19	238.03	295.18	303.47
294	127.35	51.41	60.49	203.27	275.33
294	145.3	48.37	59.36	270.52	364.13
294	145.11	53.24	71.83	237.44	208.44
294	128.18	49.34	59.49	169.13	328.97
295	118.19	49.81	75.68	207.15	244.59
295	120.09	50.72	60.1	134.82	369.44
295	398.54	34.58	66.19	210.95	271.01

Table 1 – *Continued from previous page*

Name	original	$(\ell = 5)$	$(\ell = 4)$	$(\ell = 3)$	$(\ell = 2)$
	time	time	time	time	time
295	117.5	199.35	66.74	176.77	205.99
295	117.45	39.58	74.86	161.65	241.84
296	2.07	1.97	2.76	2.59	1.07
296	2.05	2.02	2.31	2.67	3.31
296	1.95	2.64	1.92	2.69	1.3
296	2.97	7.4	2.49	3.07	0.94
296	2.04	6.79	2.91	2.99	1.17
297	3600.0	3600.0	3600.0	3600.0	3600.0
297	3600.0	3600.0	3600.0	3600.0	3600.0
297	3600.0	3600.0	3600.0	3600.0	3600.0
297	3600.0	3600.0	3600.0	3600.0	3600.0
297	3600.0	3600.0	3600.0	3600.0	3600.0
298	3600.0	3600.0	3600.0	3600.0	3600.0
298	3600.0	3600.0	3600.0	3600.0	3600.0
298	3600.0	3600.0	3600.0	3600.0	3600.0
298	3600.0	3600.0	3600.0	3600.0	3600.0
298	3600.0	3600.0	3600.0	3600.0	3600.0
299	3600.0	3600.0	3600.0	3600.0	3600.0
299	3600.0	3600.0	3600.0	3600.0	3600.0
299	3600.0	3600.0	3600.0	3600.0	3600.0
299	3600.0	3600.0	3600.0	3600.0	3600.0
299	3600.0	3600.0	3600.0	3600.0	3600.0