

Table 1: OR-Tools CP-SAT Solver PB Instances

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
0	2423	378.85	2423	25.28	2426	36.24	2435	49.63	2463	58.77
0	2423	223.12	2423	29.12	2426	31.09	2435	52.36	2463	45.02
0	2423	101.54	2423	28.93	2426	40.9	2435	44.98	2463	39.11
0	2423	52.99	2423	29.75	2426	31.74	2435	31.19	2463	47.9
0	2423	61.18	2423	40.83	2426	54.44	2435	29.72	2463	62.7
1	2229	38.85	2229	70.53	2231	38.02	2277	129.24	2345	44.95
1	2229	27.76	2229	65.2	2231	29.12	2277	80.84	2345	52.07
1	2229	34.89	2229	54.46	2231	38.88	2277	92.93	2345	56.4
1	2229	32.43	2229	52.25	2231	29.42	2277	106.7	2345	40.06
1	2229	39.82	2229	67.87	2231	28.58	2277	111.81	2345	51.85
2	2251	30.8	2251	41.55	2253	67.55	2267	174.85	2298	59.58
2	2251	31.46	2251	32.35	2253	50.51	2267	102.92	2298	57.21
2	2251	38.22	2251	151.6	2253	50.31	2267	112.41	2298	66.7
2	2251	21.23	2251	36.37	2253	53.72	2267	98.38	2298	82.34
2	2251	25.31	2251	42.26	2253	58.25	2267	95.33	2298	59.5
3	1080	21.71	1080	29.28	1081	26.45	1090	23.73	1080	21.48
3	1080	31.02	1080	25.32	1081	41.3	1090	20.35	1080	17.85
3	1080	29.03	1080	32.66	1081	33.42	1090	27.82	1080	18.12
3	1080	29.12	1080	27.75	1081	26.28	1090	16.35	1080	14.98
3	1080	28.65	1080	28.52	1081	26.26	1090	22.48	1080	16.95
4	2279	34.17	2280	28.32	2282	145.27	2296	220.78	2340	59.25
4	2279	28.75	2280	28.01	2282	94.81	2296	132.45	2340	60.26
4	2279	34.34	2280	35.18	2282	100.79	2296	131.49	2340	60.71
4	2279	35.38	2280	41.58	2282	118.31	2296	184.48	2340	50.28
4	2279	24.17	2280	24.43	2282	113.2	2296	116.47	2340	48.14
5	13	1.65	14	1.78	14	1.64	15	1.48	16	1.38
5	13	1.36	14	1.48	14	1.82	15	1.44	16	1.47
5	13	1.57	14	1.7	14	1.79	15	1.48	16	1.27
5	13	1.42	14	1.67	14	1.41	15	1.42	16	1.46
5	13	1.68	14	1.72	14	1.53	15	1.51	16	1.45
6	0	0.61	0	0.73	0	0.66	0	0.65	0	0.59
6	0	0.63	0	0.68	0	0.63	0	0.61	0	0.63
6	0	0.61	0	0.74	0	0.62	0	0.65	0	0.63
6	0	0.66	0	0.73	0	0.7	0	0.6	0	0.64
6	0	0.6	0	0.74	0	0.67	0	0.63	0	0.62
7	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
7	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
7	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
7	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
7	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
8	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
8	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
8	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
8	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
8	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
9	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
9	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
9	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
9	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
9	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
10	0	3600.0	0	3600.0	0	2878.08	0	672.12	0	3600.0
10	0	1260.45	0	3600.0	0	3600.0	0	3600.0	0	3600.0
10	0	3600.0	0	968.62	0	1268.27	0	2309.89	0	865.93
10	0	3600.0	0	2278.83	0	3600.0	0	2220.49	0	2123.02
10	0	1513.36	0	1725.48	0	1683.85	0	1570.69	0	1336.42
11	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
11	2	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
11	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
11	2	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
11	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
12	852	3600.0	1005	3600.0	989	3600.0	1010	1576.76	1031	3600.0
12	852	3600.0	1001	3600.0	995	3600.0	1002	2088.78	1033	3600.0
12	852	3600.0	1010	3600.0	1020	3600.0	1020	3405.63	1010	3600.0
12	852	3600.0	1000	3600.0	1013	3600.0	1021	3005.23	1019	3600.0
12	852	3600.0	1008	3600.0	1021	3600.0	1029	3600.0	1041	3600.0
13	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
14	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
15	0	3600.0	0	3553.22	0	1915.91	0	3600.0	0	3147.43
15	0	3600.0	0	1745.08	0	3600.0	0	3600.0	0	963.41
15	0	3600.0	0	2754.86	0	2963.67	0	3600.0	0	1173.82

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
15	0	3600.0	0	3600.0	0	3600.0	0	615.93	0	817.53
15	0	3600.0	0	3498.49	0	3600.0	0	3600.0	0	866.47
16	0	16.32	0	43.5	0	56.29	0	17.68	0	9.36
16	0	18.23	0	14.61	0	69.12	0	16.45	0	8.6
16	0	20.37	0	26.56	0	54.04	0	22.52	0	9.15
16	0	23.83	0	24.13	0	56.3	0	17.24	0	9.31
16	0	23.12	0	23.28	0	61.44	0	19.19	0	9.1
17	0	2.83	0	2.13	0	3.24	0	5.26	0	2.8
17	0	2.64	0	2.18	0	2.95	0	3.55	0	2.5
17	0	2.94	0	2.43	0	2.67	0	3.35	0	2.34
17	0	1.48	0	2.64	0	9.8	0	2.3	0	2.14
17	0	3.36	0	2.63	0	10.09	0	2.5	0	2.03
18	0	15.56	0	18.57	0	14.3	0	9.77	0	9.35
18	0	15.39	0	51.12	0	28.03	0	13.62	0	14.78
18	0	16.23	0	21.35	0	35.45	0	14.2	0	10.02
18	0	17.58	0	19.49	0	24.52	0	13.36	0	14.63
18	0	12.52	0	25.69	0	14.9	0	10.94	0	13.69
19	0	3.12	0	5.95	0	2.66	0	5.02	0	8.86
19	0	1.83	0	7.71	0	53.65	0	3.48	0	3.59
19	0	3.45	0	6.41	0	40.43	0	6.66	0	26.79
19	0	7.74	0	9.63	0	7.4	0	7.15	0	7.35
19	0	7.65	0	9.11	0	49.9	0	2.34	0	22.41
20	28	80.87	28	154.26	29	26.81	28	158.45	28	3600.0
20	29	42.66	29	946.69	30	77.55	28	165.64	28	3600.0
20	29	28.52	29	433.55	30	3600.0	28	332.1	28	3600.0
20	28	60.33	28	97.73	29	34.43	28	71.24	28	2708.49
20	29	22.78	29	373.7	30	56.01	28	161.71	28	1611.02
21	147	0.38	147	0.35	147	0.36	147	0.37	147	0.35
21	147	0.4	147	0.43	147	0.4	147	0.36	147	0.32
21	147	0.41	147	0.4	147	1.18	147	0.34	147	0.33
21	147	1.4	147	0.39	147	1.26	147	0.38	147	0.36
21	147	0.34	147	0.46	147	0.35	147	0.39	147	0.33
22	0	0.46	0	0.49	0	0.46	0	0.47	0	0.56
22	0	0.57	0	0.77	0	0.76	0	0.45	0	0.49
22	0	0.42	0	0.64	0	0.54	0	0.47	0	0.45
22	0	0.53	0	0.52	0	0.65	0	0.53	0	0.53
22	0	0.55	0	0.62	0	0.51	0	0.43	0	0.46
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	398.26
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	484.13
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	1250.49

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	1298.38
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	805.17
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
24	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
25	0	27.77	0	33.8	0	34.61	0	26.5	0	29.96
25	0	26.16	0	28.72	0	28.13	0	24.18	0	26.7
25	0	27.99	0	75.64	0	32.03	0	26.92	0	29.62
25	0	24.83	0	73.72	0	32.82	0	28.15	0	28.36
25	0	27.83	0	26.79	0	28.33	0	29.04	0	25.62
26	0	0.48	0	0.53	2	1.49	5	0.53	17	0.4
26	0	0.49	0	0.56	2	0.44	5	0.58	17	0.4
26	0	0.49	0	0.62	2	1.93	5	0.55	17	0.38
26	0	0.51	0	0.62	2	0.49	5	0.46	17	0.4
26	0	0.5	0	0.51	2	1.55	5	0.44	17	0.39
27	301	25.55	301	35.39	301	38.2	301	30.43	364	85.71
27	301	35.24	301	31.15	301	44.22	301	36.5	364	78.33
27	301	30.61	301	34.78	301	43.4	301	34.24	364	84.3
27	301	30.73	301	40.13	301	34.96	301	38.89	364	76.38
27	301	31.42	301	30.19	301	34.14	301	29.88	364	102.99
28	0	142.28	0	107.24	0	356.51	0	254.38	0	80.42
28	0	104.21	0	111.41	0	153.25	0	136.08	0	59.76
28	0	111.71	0	125.47	0	69.62	0	176.59	0	234.29
28	0	172.74	0	142.42	0	569.87	0	295.64	0	102.64
28	0	200.16	0	159.58	0	111.16	0	174.53	0	220.6
29	68	7.99	68	8.04	68	12.05	68	10.57	68	27.86
29	68	27.16	68	10.21	68	8.88	68	16.6	68	19.28
29	68	7.71	68	26.22	68	4.66	68	10.49	68	7.16
29	68	8.15	68	7.87	68	8.34	68	8.5	68	9.62
29	68	7.06	68	7.89	68	10.0	68	8.36	68	23.17
30	0	6.03	0	7.19	0	7.01	0	7.78	0	5.86
30	0	4.87	0	5.88	0	5.61	0	6.81	0	4.89
30	0	7.09	0	6.23	0	9.68	0	4.76	0	5.83
30	0	5.77	0	11.1	0	5.82	0	7.27	0	5.65
30	0	3.41	0	3.49	0	32.34	0	3.39	0	3.3
31	0	2365.77	0	1772.83	0	2374.56	0	1275.85	0	3600.0
31	0	1307.64	0	1031.93	0	1812.36	0	1438.52	0	1636.29
31	0	1531.04	0	3600.0	0	3600.0	0	1469.19	0	1731.55

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
31	0	1251.47	0	3190.22	0	2697.79	0	2012.38	0	1292.95
31	0	1101.46	0	1259.09	0	1571.62	0	2163.1	0	1562.8
32	0	140.73	0	427.07	0	168.95	0	192.85	0	277.22
32	0	116.76	0	139.48	0	192.09	0	122.64	0	146.49
32	0	106.52	0	170.96	0	532.09	0	115.98	0	200.67
32	0	148.06	0	434.84	0	136.47	0	460.54	0	596.49
32	0	231.63	0	231.05	0	324.59	0	239.86	0	538.65
33	113	23.11	113	15.34	113	17.09	113	22.85	113	3600.0
33	113	15.97	113	17.19	113	23.23	113	26.95	113	1902.04
33	113	19.19	113	25.96	113	32.9	113	30.11	113	1651.32
33	113	36.96	113	14.73	113	32.52	113	17.54	113	3600.0
33	113	39.0	113	30.27	113	31.12	113	34.38	113	743.14
34	234	19.53	235	30.9	235	29.62	235	26.31	235	27.14
34	224	23.23	225	32.49	225	33.55	225	32.78	225	111.88
34	230	27.4	231	81.21	231	40.15	231	23.35	231	82.34
34	228	22.62	230	26.11	230	27.45	230	24.94	230	22.49
34	231	21.59	232	40.69	232	31.16	232	28.68	232	26.81
35	35175	3600.0	35096	3600.0	35089	3600.0	35109	3600.0	35101	3600.0
35	35175	3600.0	35096	3600.0	35089	3600.0	35109	3600.0	35101	1139.69
35	35175	3600.0	35096	3600.0	35089	3600.0	35109	3600.0	35101	3600.0
35	35175	2782.13	35096	3600.0	35089	3600.0	35109	3600.0	35101	3600.0
35	35175	1214.1	35096	3600.0	35089	3600.0	35109	3600.0	35101	2915.08
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
36	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0	9250	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
37	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0	6374	3600.0
38	0	3600.0	0	2192.39	0	1448.18	0	3436.29	0	2458.15
38	0	3600.0	0	2284.43	0	2617.65	0	3600.0	0	1743.99
38	0	1247.16	0	3401.69	0	1816.69	0	1481.94	0	1820.03
38	0	2339.07	0	1503.41	0	1826.26	0	1688.19	0	3600.0
38	0	1319.97	0	1795.77	0	1293.78	0	1629.29	0	1938.92
39	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
39	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
39	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
39	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
39	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
40	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
41	0	3600.0	0	3600.0	0	3600.0	0	3142.91	0	2142.52
41	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	2204.2
41	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	1981.67
41	0	3600.0	0	3600.0	0	3600.0	0	3107.68	0	2462.68
41	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	2247.61
42	0	71.49	0	59.42	0	61.82	0	54.0	0	37.99
42	0	84.34	0	80.47	0	43.21	0	55.94	0	39.23
42	0	51.61	0	99.74	0	54.74	0	54.35	0	47.83
42	0	61.78	0	66.5	0	43.78	0	48.51	0	67.04
42	0	75.19	0	56.78	0	113.81	0	89.72	0	58.88
43	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
43	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
43	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
43	0	3600.0	0	3599.99	0	3600.0	0	3600.0	0	3600.0
43	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
44	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
45	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
45	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
45	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
45	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
45	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
46	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
47	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
47	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
47	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
47	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
47	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
48	0	3600.0	3	3600.0	7	3600.0	17	3600.0	32	3600.0
48	0	3600.0	3	3600.0	7	3600.0	17	3600.0	32	3600.0
48	0	3600.0	3	3600.0	7	3600.0	17	3600.0	32	2952.65
48	0	3600.0	3	3600.0	7	3600.0	17	3600.0	32	3600.0
48	0	3600.0	3	3600.0	7	3600.0	17	3600.0	32	3600.0
49	0	3600.0	0	3600.0	0	3600.0	0	3257.12	0	3600.0
49	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
49	0	3600.0	0	3600.0	0	3600.0	0	2732.8	0	3600.0
49	0	3600.0	0	3600.0	0	3600.0	0	2608.73	0	3600.0
49	0	3600.0	0	3600.0	0	3600.0	0	1424.84	0	3600.0
50	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
50	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
50	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
50	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
51	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
51	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
51	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
51	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
52	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
53	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
53	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
53	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
53	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
54	0	381.66	0	432.24	0	224.45	0	263.55	0	719.82
54	0	346.58	0	483.11	0	385.52	0	265.56	0	791.36
54	0	612.77	0	662.59	0	278.24	0	170.59	0	233.13
54	0	232.7	0	427.31	0	281.53	0	160.55	0	243.05
54	0	407.67	0	365.75	0	293.97	0	119.56	0	687.58
55	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
55	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
55	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
55	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
55	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
56	0	882.04	0	692.47	0	728.64	0	1219.87	0	442.23
56	0	642.11	0	820.41	0	2074.45	0	1073.73	0	1582.54
56	0	934.36	0	603.93	0	1790.1	0	1916.2	0	1913.22
56	0	616.78	0	726.05	0	809.88	0	765.67	0	514.12
56	0	604.05	0	738.41	0	662.21	0	1026.91	0	483.29
57	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
57	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
57	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
57	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
57	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
58	0	3600.0	0	3600.0	0	3600.0	0	658.77	0	858.56
58	0	3600.0	0	3600.0	0	3600.0	0	208.69	0	866.38
58	0	3600.0	0	3600.0	0	3600.0	0	713.3	0	1642.79
58	0	3600.0	0	3600.0	0	3600.0	0	625.43	0	1103.57
58	0	3600.0	0	3600.0	0	1713.06	0	603.34	0	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	3188.49	31	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	3600.0	31	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	3600.0	31	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	3600.0	31	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	422.37	31	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
60	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
61	3	788.65	3	529.18	3	364.13	3	750.45	3	1629.88
61	3	409.82	3	565.81	3	467.17	3	505.95	3	579.08
61	3	1151.68	3	811.76	3	477.51	3	398.76	3	340.06
61	3	1467.25	3	366.24	3	590.51	3	494.08	3	569.64
61	3	2252.8	3	402.28	3	521.09	3	974.54	3	412.61
62	53	5.23	56	8.65	56	3.86	56	6.79	56	3.05
62	53	6.86	56	3.57	56	5.52	56	5.8	56	2.58
62	53	9.46	56	13.72	56	5.87	56	8.07	56	2.44
62	53	10.97	56	8.07	56	11.68	56	4.3	56	36.03
62	53	5.1	56	14.34	56	5.97	56	7.89	56	3.79
63	0	3600.0	2	3600.0	4	3600.0	9	3600.0	15	3600.0
63	0	3600.0	2	3600.0	4	3600.0	9	3600.0	15	3600.0
63	0	3600.0	2	3600.0	4	3600.0	9	3600.0	15	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
63	0	3600.0	2	3600.0	4	3600.0	9	3600.0	15	3600.0
63	0	3600.0	2	3600.0	4	3600.0	9	3600.0	15	3600.0
64	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
64	0	3600.0	0	3600.0	0	3589.36	0	3600.0	0	3600.0
64	0	3600.0	0	1673.06	0	3600.0	0	2024.35	0	3600.0
64	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
64	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
65	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
65	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
65	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
65	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
65	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
66	0	865.27	0	942.76	0	827.43	0	879.16	0	629.41
66	0	1107.96	0	729.45	0	778.58	0	642.26	0	550.73
66	0	1104.68	0	1200.9	0	1165.18	0	659.13	0	632.92
66	0	651.92	0	547.56	0	1233.45	0	3312.81	0	771.06
66	0	576.74	0	576.57	0	1358.55	0	1610.65	0	668.05
67	0	78.82	0	89.12	0	73.09	0	99.23	0	127.39
67	0	71.64	0	90.71	0	148.28	0	113.12	0	151.76
67	0	85.72	0	73.87	0	107.72	0	91.57	0	115.69
67	0	63.71	0	69.01	0	102.45	0	78.2	0	126.25
67	0	68.51	0	168.95	0	84.03	0	258.9	0	114.75
68	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
68	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
68	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
68	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
68	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
69	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
69	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
69	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
70	0	1197.76	0	1001.42	0	2051.45	0	1362.83	0	810.98
70	0	930.28	0	1031.36	0	1013.8	0	1494.86	0	1409.36
70	0	874.25	0	1099.45	0	1250.26	0	1861.79	0	715.59
70	0	1274.81	0	1249.77	0	1092.43	0	1380.37	0	1019.6
70	0	1057.19	0	1074.75	0	1206.35	0	2020.62	0	651.43
71	0	3600.0	0	3600.0	0	3600.0	0	542.61	0	229.54
71	0	2490.35	0	3597.06	0	3600.0	0	1295.68	0	195.72
71	0	3600.0	0	3600.0	0	1052.62	0	526.91	0	335.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
71		0 2926.33		0 3600.0		0 2393.12		0 3160.28		0 197.84
71		0 2779.93		0 3476.48		0 2459.85		0 2058.32		0 131.04
72	0	0.03	0	0.02	0	0.03	0	0.03	0	0.03
72	0	0.02	0	0.02	0	0.03	0	0.3	0	0.03
72	0	0.03	0	0.03	0	0.02	0	0.04	0	0.03
72	0	0.02	0	0.02	0	0.05	0	0.02	0	0.03
72	0	0.02	0	0.02	0	0.02	0	0.03	0	0.03
73	0	0.04	0	0.04	0	0.03	0	0.03	0	0.03
73	0	0.04	0	0.02	0	0.05	0	0.04	0	0.17
73	0	0.04	0	0.04	0	0.04	0	0.06	0	0.04
73	0	0.04	0	0.02	0	0.03	0	0.06	0	0.03
73	0	0.04	0	0.03	0	0.03	0	0.04	0	0.05
74	80	0.59	80	0.88	80	0.88	80	0.91	80	0.96
74	80	0.57	80	0.64	80	0.86	80	0.92	80	0.65
74	80	0.78	80	0.67	80	2.29	80	0.97	80	0.63
74	80	0.65	80	0.92	80	0.83	80	1.04	80	0.84
74	80	0.58	80	0.81	80	0.91	80	0.89	80	0.64
75	0	0.01	0	0.01	0	0.01	0	0.02	0	0.01
75	0	0.01	0	0.01	0	0.01	0	0.02	0	0.02
75	0	0.02	0	0.01	0	0.02	0	0.02	0	0.01
75	0	0.02	0	0.01	0	0.01	0	0.02	0	0.01
75	0	0.01	0	0.01	0	0.02	0	0.01	0	0.02
76	0	0.02	0	0.01	0	0.02	0	0.02	0	0.02
76	0	0.03	0	0.02	0	0.02	0	0.02	0	0.01
76	0	0.01	0	0.02	0	0.02	0	0.01	0	0.02
76	0	0.02	0	0.01	0	0.02	0	0.02	0	0.02
76	0	0.02	0	0.02	0	0.03	0	0.02	0	0.01
77	0	0.04	0	0.03	0	0.03	0	0.03	0	0.02
77	0	0.03	0	0.04	0	0.03	0	0.04	0	0.02
77	0	0.04	0	0.03	0	0.05	0	0.03	0	0.03
77	0	0.04	0	0.12	0	0.03	0	0.05	0	0.02
77	0	0.13	0	0.03	0	0.03	0	0.04	0	0.02
78	46	3600.0	46	3600.0	46	3600.0	46	3600.0	46	3600.0
78	46	3600.0	46	3600.0	46	3600.0	46	3600.0	46	3600.0
78	46	3600.0	46	3600.0	46	3578.03	46	3600.0	46	3600.0
78	46	3600.0	46	3600.0	46	3600.0	46	3600.0	46	3600.0
78	46	3600.0	46	3600.0	46	3600.0	46	3600.0	46	3600.0
79	4	42.98	4	27.77	4	46.99	4	91.75	4	56.02
79	4	73.09	4	35.75	4	68.95	4	60.45	4	46.51
79	4	42.53	4	67.46	4	119.65	4	38.57	4	93.46

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
79	4	34.72	4	22.55	4	32.25	4	45.66	4	35.51
79	4	35.67	4	21.02	4	42.04	4	38.97	4	92.52
80	0	31.29	0	45.73	0	67.19	0	60.94	0	180.51
80	0	27.96	0	53.1	0	165.13	0	127.27	0	59.43
80	0	30.25	0	52.3	0	61.0	0	50.57	0	63.92
80	0	33.85	0	47.52	0	55.47	0	124.85	0	57.05
80	0	30.7	0	60.72	0	59.56	0	137.49	0	74.36
81	0	47.16	0	69.4	0	72.55	0	38.65	0	41.1
81	0	46.24	0	68.09	0	77.56	0	32.0	0	40.81
81	0	48.86	0	59.91	0	70.39	0	38.96	0	44.69
81	0	46.03	0	56.83	0	216.6	0	44.07	0	37.73
81	0	41.66	0	62.0	0	199.71	0	38.6	0	37.77
82	636	3600.0	636	3600.0	636	3600.0	636	3600.0	636	3600.0
82	636	3600.0	636	3600.0	636	3600.0	636	3600.0	636	3600.0
82	636	3600.0	636	3600.0	636	3600.0	636	3600.0	636	3600.0
82	636	3600.0	636	3600.0	636	3600.0	636	3600.0	636	3600.0
82	636	3600.0	636	3600.0	636	3600.0	636	3600.0	636	3600.0
83	828	1761.55	828	3511.23	828	3600.0	828	3600.0	828	3600.0
83	828	3170.11	828	3600.0	828	3295.99	828	3600.0	828	3600.0
83	828	3600.0	828	3600.0	828	3600.0	828	3600.0	828	3600.0
83	828	3319.03	828	3025.75	828	3600.0	828	3600.0	828	2168.12
83	828	3600.0	828	3600.0	828	3600.0	828	3600.0	828	3600.0
84	202	3600.0	202	3600.0	202	3600.0	202	3600.0	202	3600.0
84	202	3600.0	202	3600.0	202	3600.0	202	3600.0	202	3600.0
84	202	3600.0	202	3600.0	202	3600.0	202	3600.0	202	3600.0
84	202	3600.0	202	3600.0	202	3600.0	202	3600.0	202	3600.0
84	202	3600.0	202	3600.0	202	3600.0	202	3600.0	202	3600.0
85	0	6.4	0	6.06	0	6.61	0	6.26	0	5.56
85	0	6.46	0	7.57	0	6.16	0	6.05	0	5.92
85	0	6.13	0	6.59	0	5.71	0	6.67	0	6.49
85	0	5.83	0	5.49	0	6.78	0	6.47	0	16.35
85	0	5.8	0	5.77	0	6.31	0	5.47	0	5.32
86	0	0.05	0	0.05	0	0.05	0	0.05	0	0.05
86	0	0.15	0	0.06	0	0.05	0	0.14	0	0.16
86	0	0.15	0	0.15	0	0.05	0	0.15	0	0.14
86	0	0.05	0	0.06	0	0.06	0	0.13	0	0.06
86	0	0.06	0	0.05	0	0.06	0	0.13	0	0.05
87	0	0.13	0	0.14	0	0.12	0	0.12	0	0.13
87	0	0.13	0	0.13	0	0.13	0	0.13	0	0.14
87	0	0.13	0	0.12	0	0.13	0	0.12	0	0.12

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
87	0	0.12	0	0.14	0	0.12	0	0.13	0	0.43
87	0	0.12	0	0.13	0	0.13	0	0.12	0	0.41
88	0	0.46	0	0.45	0	0.47	0	0.44	0	0.5
88	0	0.46	0	0.48	0	0.44	0	0.5	0	0.49
88	0	0.46	0	0.46	0	0.49	0	0.45	0	0.49
88	0	0.45	0	0.54	0	0.49	0	0.47	0	0.51
88	0	0.47	0	0.46	0	0.45	0	1.53	0	0.45
89	0	1.93	0	2.05	0	1.96	0	1.83	0	1.73
89	0	1.92	0	1.97	0	2.01	0	6.35	0	1.98
89	0	1.76	0	2.1	0	2.08	0	6.37	0	1.83
89	0	1.87	0	2.06	0	1.92	0	1.77	0	2.0
89	0	1.87	0	1.94	0	1.9	0	1.99	0	6.29
90	0	0.04	0	0.04	0	0.14	0	0.05	0	0.13
90	0	0.04	0	0.04	0	0.14	0	0.05	0	0.04
90	0	0.04	0	0.05	0	0.05	0	0.05	0	0.05
90	0	0.04	0	0.04	0	0.05	0	0.04	0	0.05
90	0	0.04	0	0.05	0	0.05	0	0.04	0	0.05
91	0	0.95	0	1.24	0	1.06	0	1.07	0	1.16
91	0	0.93	0	1.16	0	1.08	0	1.11	0	0.94
91	0	0.9	0	1.1	0	0.97	0	1.07	0	3.36
91	0	0.93	0	0.96	0	1.07	0	1.0	0	3.4
91	0	0.89	0	1.09	0	1.11	0	1.1	0	1.04
92	0	0.52	0	0.63	0	0.56	0	0.65	0	0.5
92	0	0.58	0	0.6	0	0.51	0	0.58	0	0.52
92	0	0.56	0	0.62	0	0.63	0	0.64	0	0.6
92	0	0.5	0	0.63	0	1.67	0	0.58	0	0.58
92	0	0.52	0	0.67	0	0.66	0	0.64	0	1.66
93	0	0.02	0	0.02	0	0.02	0	0.02	0	0.05
93	0	0.02	0	0.02	0	0.02	0	0.14	0	0.02
93	0	0.02	0	0.02	0	0.02	0	0.05	0	0.02
93	0	0.02	0	0.02	0	0.02	0	0.02	0	0.02
94	642	3.5	642	5.59	642	5.8	642	3.75	642	4.79
94	642	3.93	642	4.55	642	3.91	642	4.87	642	5.2
94	642	4.24	642	3.82	642	3.88	642	5.29	642	5.6
94	642	4.14	642	4.68	642	12.34	642	4.94	642	11.37
94	642	4.01	642	4.53	642	4.14	642	4.9	642	14.67
95	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
95	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
95	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
95	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
95	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
96	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
97	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
97	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
97	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
97	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
97	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
98	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
98	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
98	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
98	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
99	0	0.02	5	0.02	5	0.02	9	0.02	9	0.02
99	0	0.02	5	0.02	5	0.02	9	0.02	9	0.02
99	0	0.02	5	0.02	5	0.05	9	0.02	9	0.02
99	0	0.02	5	0.02	5	0.02	9	0.02	9	0.02
99	0	0.02	5	0.02	5	0.02	9	0.02	9	0.02
100	1	0.04	12	0.05	17	0.14	21	0.04	21	0.04
100	1	0.04	12	0.05	17	0.11	21	0.05	21	0.05
100	1	0.18	12	0.05	17	0.05	21	0.04	21	0.05
100	1	0.04	12	0.17	17	0.05	21	0.05	21	0.05
100	1	0.04	12	0.05	17	0.12	21	0.04	21	0.04
101	0	0.08	6	0.06	9	0.22	20	0.08	26	0.1
101	0	0.09	6	0.1	9	0.09	20	0.09	26	0.09
101	0	0.08	6	0.08	9	0.09	20	0.09	26	0.1
101	0	0.07	6	0.08	9	0.22	20	0.09	26	0.09
101	0	0.09	6	0.08	9	0.22	20	0.08	26	0.09
102	1	0.11	15	0.11	25	0.34	44	0.12	51	0.13
102	1	0.1	15	0.1	25	0.12	44	0.11	51	0.12
102	1	0.11	15	0.11	25	0.31	44	0.13	51	0.13
102	1	0.12	15	0.12	25	0.12	44	0.11	51	0.11
102	1	0.11	15	0.1	25	0.3	44	0.11	51	0.12
103	1	0.08	25	0.06	37	0.18	52	0.08	54	0.08
103	1	0.06	25	0.06	37	0.18	52	0.07	54	0.07
103	1	0.07	25	0.07	37	0.07	52	0.07	54	0.07

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
103	1	0.07	25	0.07	37	0.07	52	0.07	54	0.07
103	1	0.07	25	0.07	37	0.18	52	0.07	54	0.07
104	1	0.23	5	0.26	10	0.7	28	0.26	31	0.22
104	1	0.25	5	0.21	10	0.61	28	0.21	31	0.26
104	1	0.22	5	0.21	10	0.6	28	0.24	31	0.19
104	1	0.18	5	0.18	10	0.22	28	0.23	31	0.24
104	1	0.19	5	0.19	10	0.25	28	0.25	31	0.22
105	0	0.17	3	0.17	6	0.15	14	0.15	16	0.15
105	0	0.23	3	0.21	6	0.17	14	0.16	16	0.16
105	0	0.15	3	0.16	6	0.49	14	0.14	16	0.15
105	0	0.19	3	0.18	6	0.49	14	0.17	16	0.15
105	0	0.19	3	0.18	6	0.51	14	0.16	16	0.13
106	2	1.47	26	2.06	57	5.5	94	1.63	122	2.23
106	2	1.69	26	2.58	57	2.07	94	2.19	122	2.7
106	2	1.6	26	1.53	57	1.9	94	2.16	122	2.81
106	2	1.64	26	1.78	57	1.74	94	1.96	122	1.88
106	2	2.01	26	1.81	57	2.11	94	1.93	122	2.3
107	2	1.56	7	1.31	11	1.17	22	0.69	27	0.38
107	2	2.39	7	1.64	11	1.2	22	1.03	27	0.41
107	2	1.41	7	1.26	11	4.25	22	0.71	27	0.36
107	2	1.5	7	1.56	11	1.46	22	0.99	27	0.64
107	2	1.25	7	1.5	11	3.46	22	1.37	27	0.34
108	6	5.27	51	3.6	84	5.8	135	4.46	170	3.27
108	6	4.08	51	6.13	84	17.72	135	3.9	170	2.62
108	6	3.73	51	3.46	84	3.43	135	4.02	170	2.54
108	6	6.43	51	3.96	84	5.54	135	3.73	170	2.71
108	6	9.32	51	4.28	84	4.62	135	6.13	170	4.1
109	660	5.01	660	5.01	660	4.64	660	3.91	660	3.64
109	660	3.99	660	6.94	660	12.85	660	6.3	660	5.43
109	660	4.6	660	4.77	660	4.54	660	4.0	660	5.36
109	660	4.72	660	3.96	660	6.26	660	3.96	660	4.29
109	660	5.5	660	3.83	660	5.35	660	6.42	660	6.42
110	0	0.03	0	0.04	0	0.03	0	0.04	0	0.03
110	0	0.03	0	0.04	0	0.03	0	0.04	0	0.03
110	0	0.03	0	0.04	0	0.02	0	0.02	0	0.03
110	0	0.03	0	0.16	0	0.12	0	0.03	0	0.02
110	0	0.03	0	0.03	0	0.02	0	0.03	0	0.03
111	0	0.01	0	0.01	0	0.02	0	0.02	0	0.01
111	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
111	0	0.01	0	0.01	0	0.01	0	0.02	0	0.01

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
111	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
111	0	0.01	0	0.02	0	0.02	0	0.01	0	0.01
112	156	2.14	1682	5.66	1417	7.99	1262	10.76	622	8.18
112	156	2.08	1682	5.68	1417	8.12	1262	11.98	622	7.52
112	156	2.27	1682	6.96	1417	7.53	1262	10.44	622	6.64
112	156	2.62	1682	5.77	1417	8.38	1262	11.27	622	8.58
112	156	2.2	1682	6.07	1417	23.18	1262	11.69	622	8.15
113	0	0.62	0	0.65	0	1.95	0	0.61	0	0.62
113	0	0.55	0	0.64	0	0.66	0	0.67	0	0.66
113	0	0.63	0	0.61	0	0.67	0	0.66	0	0.68
113	0	0.61	0	0.64	0	0.65	0	0.64	0	0.7
113	0	0.6	0	0.62	0	0.65	0	0.69	0	0.64
114	145	1.12	556	1.1	429	1.6	319	1.57	253	1.17
114	145	0.93	556	1.29	429	1.95	319	1.66	253	1.31
114	145	0.96	556	1.17	429	1.83	319	1.72	253	1.56
114	145	0.94	556	1.4	429	1.92	319	1.86	253	1.28
114	145	0.94	556	1.35	429	2.09	319	1.69	253	1.44
115	622	3.79	622	6.39	622	4.52	622	5.47	622	6.84
115	622	5.44	622	5.14	622	4.25	622	5.52	622	3.72
115	622	4.7	622	4.03	622	5.0	622	3.99	622	3.29
115	622	5.32	622	5.92	622	4.63	622	3.71	622	3.33
115	622	3.48	622	5.34	622	11.16	622	4.37	622	4.24
116	661	5.77	661	3.05	661	4.57	661	5.17	661	6.29
116	661	5.04	661	3.76	661	6.49	661	4.19	661	4.52
116	661	5.85	661	4.45	661	4.18	661	4.11	661	4.01
116	661	3.88	661	4.16	661	4.7	661	4.38	661	4.16
116	661	3.99	661	4.18	661	5.66	661	4.21	661	3.5
117	566	3.46	566	4.61	566	5.11	566	5.08	566	4.77
117	566	4.14	566	4.83	566	10.23	566	3.63	566	4.56
117	566	4.0	566	3.27	566	4.94	566	3.89	566	3.0
117	566	5.4	566	4.31	566	3.72	566	5.28	566	4.3
117	566	4.46	566	3.67	566	3.76	566	4.58	566	4.08
118	622	3.71	622	6.9	622	4.09	622	6.18	622	4.98
118	622	4.1	622	5.8	622	11.52	622	4.76	622	4.46
118	622	4.05	622	3.81	622	4.71	622	3.67	622	4.42
118	622	3.77	622	5.04	622	4.78	622	3.76	622	4.57
118	622	5.29	622	4.76	622	4.23	622	4.29	622	3.63
119	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
119	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
119	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
119	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
119	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
120	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
121	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
121	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
121	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
121	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
121	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
122	0	1455.93	0	3026.78	0	1577.29	0	1854.11	0	3600.0
122	0	1500.69	0	1544.21	0	1315.76	0	1502.99	0	1202.85
122	0	1506.55	0	1910.27	0	1332.06	0	1449.08	0	1330.79
122	0	1641.14	0	1804.75	0	1906.2	0	1141.87	0	803.05
122	0	1316.46	0	1798.59	0	3600.0	0	1112.26	0	1026.27
123	0	1601.88	0	2757.68	0	2064.39	0	2502.93	0	2218.8
123	0	1797.89	0	3600.0	0	3600.0	0	1745.6	0	2169.7
123	0	1470.18	0	2120.7	0	3147.31	0	1589.11	0	1594.28
123	0	1698.58	0	1713.42	0	1300.4	0	1288.78	0	2570.06
123	0	1799.87	0	2461.84	0	2332.07	0	2049.94	0	1545.88
124	0	1412.82	0	1785.98	0	1647.74	0	3374.4	0	1140.02
124	0	1202.71	0	1490.21	0	1704.69	0	3600.0	0	1109.53
124	0	1346.45	0	1781.97	0	1316.74	0	2254.14	0	1162.27
124	0	1344.48	0	1453.29	0	1023.72	0	1840.11	0	1277.82
124	0	1128.73	0	1245.98	0	1463.17	0	1356.27	0	3600.0
125	105	0.78	105	0.88	105	1.0	105	0.59	105	2.78
125	105	0.83	105	0.61	105	0.8	105	1.02	105	3.28
125	105	0.8	105	0.83	105	1.04	105	0.73	105	2.27
125	105	0.86	105	0.74	105	0.85	105	0.63	105	4.5
125	105	0.65	105	0.6	105	0.73	105	0.86	105	2.6
126	0	4.83	0	3.31	0	3.52	0	3.29	0	10.25
126	0	4.35	0	3.99	0	5.6	0	3.7	0	11.15
126	0	3.84	0	2.76	0	3.23	0	3.21	0	9.43
126	0	2.77	0	3.04	0	3.25	0	2.84	0	14.68
126	0	5.01	0	3.14	0	4.1	0	3.75	0	11.05
127	105	0.39	105	0.37	105	0.54	105	0.57	105	1.5
127	105	0.46	105	0.42	105	0.53	105	0.42	105	1.29
127	105	0.48	105	0.49	105	0.52	105	0.6	105	1.43

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
127	105	0.45	105	0.49	105	0.45	105	0.48	105	1.34
127	105	0.5	105	0.43	105	0.57	105	0.48	105	1.55
128	0	43.73	0	161.08	0	42.64	0	43.13	0	350.46
128	0	120.71	0	50.75	0	47.33	0	34.86	0	85.28
128	0	62.66	0	181.68	0	99.38	0	97.19	0	111.26
128	0	50.33	0	38.21	0	137.2	0	41.76	0	90.8
128	0	36.17	0	80.53	0	186.14	0	118.1	0	888.84
129	0	180.3	0	35.41	0	101.59	0	63.03	0	110.51
129	0	66.45	0	105.52	0	53.93	0	218.64	0	245.17
129	0	44.12	0	53.68	0	42.49	0	86.51	0	261.83
129	0	101.72	0	63.28	0	71.26	0	124.94	0	375.19
129	0	74.92	0	69.71	0	30.18	0	115.74	0	76.4
130	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
130	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
130	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
130	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
130	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
131	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
131	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
131	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
131	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
131	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
132	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
132	185	3600.0	185	3600.0	185	3600.0	185	3222.11	185	3600.0
132	185	3600.0	185	3600.0	185	3415.11	185	3600.0	185	3600.0
132	185	3239.76	185	3600.0	185	3600.0	185	3600.0	185	3600.0
132	185	3600.0	185	3600.0	185	3600.0	185	3600.0	185	3600.0
133	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
133	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
133	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
133	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
133	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
135	0	36.42	0	67.96	0	73.45	0	71.05	0	45.77
135	0	44.52	0	141.54	0	41.7	0	43.99	0	62.44
135	0	34.7	0	35.47	0	57.07	0	218.13	0	42.08

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
135	0	31.39	0	45.46	0	50.7	0	38.07	0	34.24
135	0	31.32	0	50.69	0	139.22	0	45.38	0	51.74
136	0	33.64	0	49.36	0	96.28	0	37.03	0	39.63
136	0	61.45	0	29.92	0	100.93	0	60.72	0	31.52
136	0	46.45	0	71.53	0	34.44	0	46.15	0	29.84
136	0	65.29	0	37.78	0	65.09	0	37.68	0	34.55
136	0	49.57	0	44.14	0	32.4	0	38.49	0	40.65
137	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
137	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
137	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
137	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
137	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
138	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
138	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
138	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
138	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
138	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
139	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
139	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
139	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
139	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
139	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
140	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
140	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
140	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
140	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
140	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
141	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
141	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
141	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
141	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
141	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
142	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
142	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
142	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
142	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
142	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
143	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
143	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
143	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
143	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
143	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
144	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0	1225	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
145	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
146	0	252.87	0	176.84	0	196.36	0	241.99	0	197.09
146	0	144.65	0	151.27	0	202.61	0	213.62	0	160.1
146	0	219.52	0	193.8	0	259.79	0	268.57	0	178.18
146	0	168.79	0	152.89	0	203.03	0	142.33	0	128.42
146	0	127.11	0	136.26	0	243.84	0	181.98	0	245.57
147	0	95.16	0	152.93	0	146.93	0	107.31	0	76.71
147	0	174.64	0	64.07	0	153.05	0	155.71	0	145.19
147	0	103.87	0	159.18	0	289.49	0	148.83	0	170.52
147	0	131.6	0	125.91	0	115.79	0	96.26	0	170.58
147	0	79.78	0	209.11	0	79.7	0	80.22	0	115.26
148	0	206.9	0	244.29	0	170.15	0	256.19	0	107.44
148	0	358.27	0	409.79	0	242.77	0	242.64	0	233.68
148	0	184.95	0	280.59	0	275.4	0	210.8	0	224.44
148	0	208.83	0	200.64	0	224.9	0	272.36	0	143.75
148	0	208.0	0	283.53	0	235.95	0	218.89	0	138.71
149	0	1284.75	0	907.83	0	1080.34	0	1041.3	0	700.25
149	0	857.73	0	1028.52	0	828.51	0	976.53	0	951.71
149	0	863.03	0	1386.46	0	1027.08	0	651.02	0	1056.14
149	0	819.28	0	860.49	0	535.8	0	1109.3	0	1040.3
149	0	840.71	0	1113.89	0	1190.39	0	1340.86	0	897.12
150	0	477.3	0	725.97	0	744.67	0	863.47	0	648.56
150	0	1077.88	0	568.2	0	831.74	0	572.65	0	723.18
150	0	768.02	0	1055.57	0	666.46	0	560.22	0	676.8
150	0	688.37	0	1052.22	0	670.96	0	566.7	0	442.36
150	0	722.9	0	535.34	0	858.12	0	735.61	0	610.92
151	0	2265.08	38	3600.0	52	1766.68	52	288.19	53	279.46
151	0	3037.01	38	923.36	52	3600.0	52	2914.62	53	93.2
151	0	2323.01	38	3600.0	52	3600.0	52	396.2	53	709.19

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
151	0	1217.91	38	3600.0	52	3600.0	52	2158.41	53	788.43
151	0	2129.95	38	3600.0	52	1548.85	52	373.61	53	341.16
152	0	185.21	0	204.32	0	231.12	0	117.87	0	46.25
152	0	163.2	0	221.86	0	252.73	0	199.05	0	116.47
152	0	95.49	0	109.9	0	232.36	0	102.99	0	25.98
152	0	224.25	0	99.73	0	148.12	0	193.52	0	33.18
152	0	143.51	0	233.71	0	98.7	0	127.61	0	44.76
153	0	0.11	0	0.13	0	0.12	0	0.17	0	0.13
153	0	0.1	0	0.18	0	0.11	0	0.12	0	0.21
153	0	0.1	0	0.14	0	0.28	0	0.16	0	0.22
153	0	0.08	0	0.15	0	0.09	0	0.16	0	0.21
153	0	0.11	0	0.14	0	0.08	0	0.29	0	0.17
154	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
154	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
154	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
154	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
154	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
155	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
155	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
155	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
155	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
155	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
156	0	3511.45	0	557.41	0	543.91	0	960.82	0	397.98
156	0	3106.45	0	429.56	0	404.86	0	427.95	0	69.53
156	0	3106.45	0	581.5	0	513.93	0	826.4	0	194.74
156	0	3600.0	0	429.11	0	931.37	0	575.79	0	162.98
156	0	3436.91	0	324.3	0	296.38	0	299.19	0	189.51
157	487	3.11	487	3.71	487	3.72	487	4.18	487	3.62
157	487	3.6	487	3.38	487	3.82	487	3.69	487	2.91
157	487	3.27	487	3.7	487	3.74	487	3.88	487	3.06
157	487	3.55	487	3.63	487	4.17	487	3.88	487	3.16
157	487	3.05	487	4.14	487	3.9	487	4.08	487	2.84
158	5	0.21	5	0.26	5	0.28	5	0.24	5	0.21
158	5	0.23	5	0.27	5	0.26	5	0.29	5	0.21
158	5	0.22	5	0.29	5	0.28	5	0.79	5	0.23
158	5	0.23	5	0.26	5	0.25	5	0.22	5	0.25
158	5	0.24	5	0.25	5	0.27	5	0.3	5	0.24
159	8	0.25	8	0.27	8	0.29	8	0.28	8	0.25
159	8	0.27	8	0.28	8	0.31	8	0.31	8	0.21
159	8	0.23	8	0.28	8	0.27	8	0.25	8	0.25

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
159	8	0.25	8	0.3	8	0.27	8	0.29	8	0.22
159	8	0.25	8	0.33	8	0.3	8	0.83	8	0.23
160	7	0.23	7	0.26	7	0.27	7	0.22	7	0.2
160	7	0.21	7	0.27	7	0.27	7	0.24	7	0.23
160	7	0.22	7	0.26	7	0.25	7	0.28	7	0.22
160	7	0.22	7	0.25	7	0.26	7	0.21	7	0.23
160	7	0.23	7	0.27	7	0.27	7	0.28	7	0.2
161	28	0.5	28	0.54	28	0.63	28	0.64	28	0.58
161	28	0.52	28	0.58	28	0.7	28	1.7	28	0.45
161	28	0.45	28	0.63	28	0.63	28	1.69	28	0.45
161	28	0.45	28	0.73	28	0.62	28	0.73	28	0.52
161	28	0.51	28	0.73	28	0.6	28	0.67	28	0.44
162	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
162	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
162	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
162	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
162	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
163	2	0.02	2	0.02	2	0.02	2	0.05	2	0.02
163	2	0.02	2	0.02	2	0.02	2	0.02	2	0.02
163	2	0.02	2	0.02	2	0.02	2	0.02	2	0.02
163	2	0.02	2	0.02	2	0.02	2	0.02	2	0.02
163	2	0.02	2	0.02	2	0.02	2	0.02	2	0.02
164	9	0.03	9	0.03	9	0.03	9	0.08	9	0.03
164	9	0.03	9	0.03	9	0.08	9	0.03	9	0.03
164	9	0.14	9	0.14	9	0.03	9	0.03	9	0.03
164	9	0.03	9	0.03	9	0.03	9	0.03	9	0.03
164	9	0.03	9	0.03	9	0.15	9	0.08	9	0.03
165	10	0.08	10	0.08	10	0.08	10	0.08	10	0.08
165	10	0.06	10	0.09	10	0.08	10	0.08	10	0.08
165	10	0.08	10	0.09	10	0.08	10	0.08	10	0.08
165	10	0.08	10	0.08	10	0.09	10	0.08	10	0.09
165	10	0.08	10	0.07	10	0.08	10	0.11	10	0.11
166	0	0.38	0	0.47	0	0.46	0	0.41	0	0.44
166	0	0.46	0	0.43	0	0.47	0	1.43	0	0.44
166	0	0.37	0	0.46	0	0.49	0	0.47	0	0.5
166	0	0.46	0	0.44	0	0.42	0	0.51	0	0.42
166	0	0.44	0	0.48	0	0.46	0	0.46	0	0.4
167	5	0.04	5	0.04	5	0.09	5	0.04	5	0.03
167	5	0.03	5	0.04	5	0.04	5	0.04	5	0.04
167	5	0.04	5	0.04	5	0.04	5	0.04	5	0.03

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Table 1 – *Continued from previous page*

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
167	5	0.03	5	0.04	5	0.04	5	0.04	5	0.04
167	5	0.03	5	0.04	5	0.04	5	0.03	5	0.03
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
168	15	3600.0	15	3600.0	15	3600.0	15	3600.0	15	3600.0
169	0	0.73	0	0.74	0	0.36	0	0.61	0	0.42
169	0	0.37	0	0.64	0	0.71	0	1.09	0	0.98
169	0	0.3	0	0.37	0	0.78	0	0.61	0	0.94
169	0	0.41	0	0.35	0	0.44	0	1.09	0	0.93
169	0	0.67	0	0.49	0	0.34	0	0.98	0	0.86