

Table 1: SCIP Solver PB Instances

Name	original		$(\ell = 5)$		$(\ell = 4)$		$(\ell = 3)$		$(\ell = 2)$	
	generators	time	generators	time	generators	time	generators	time	generators	time
0	1500	125.34	1500	44.39	1500	78.51	1500	60.15	1500	84.96
0	1500	133.81	1500	110.61	1500	70.87	1500	44.76	1500	90.22
0	1500	109.9	1500	35.75	1500	51.51	1500	54.6	1500	81.26
0	1500	125.57	1500	52.39	1500	48.14	1500	50.3	1500	79.15
0	1500	323.4	1500	74.84	1500	69.54	1500	58.01	1500	101.38
1	1500	79.66	1500	42.64	1500	29.71	1500	94.04	1500	64.49
1	1500	182.65	1500	45.28	1500	34.02	1500	110.46	1500	64.17
1	1500	78.5	1500	46.06	1500	30.97	1500	116.36	1500	59.46
1	1500	85.33	1500	40.45	1500	27.5	1500	95.79	1500	80.97
1	1500	192.19	1500	37.95	1500	32.86	1500	106.49	1500	59.6
2	1500	82.55	1500	33.04	1500	97.95	1500	119.2	1500	88.6
2	1500	76.86	1500	35.3	1500	90.09	1500	125.36	1500	83.73
2	1500	87.55	1500	54.03	1500	86.66	1500	133.89	1500	84.13
2	1500	77.55	1500	124.93	1500	80.74	1500	145.29	1500	90.36
2	1500	80.67	1500	41.09	1500	76.13	1500	141.63	1500	100.72
3	1149	56.46	1149	32.09	1151	47.01	1160	38.38	1167	23.04
3	1149	50.12	1149	28.31	1151	36.46	1160	33.4	1167	25.09
3	1149	65.3	1149	27.87	1151	35.56	1160	30.3	1167	26.26
3	1149	53.52	1149	31.49	1151	30.6	1160	31.47	1167	20.31
3	1149	49.49	1149	34.43	1151	29.49	1160	28.92	1167	31.62
4	1500	84.8	1500	34.94	1500	113.0	1500	86.7	1500	57.56
4	1500	210.03	1500	31.05	1500	111.28	1500	106.08	1500	59.8
4	1500	89.79	1500	128.23	1500	209.61	1500	105.03	1500	58.88
4	1500	90.54	1500	37.1	1500	117.44	1500	90.93	1500	67.61
4	1500	96.76	1500	34.92	1500	125.68	1500	93.04	1500	67.69
5	28	1.1	31	0.97	34	1.02	37	0.75	42	0.48
5	28	1.39	31	1.93	34	0.74	37	0.74	42	0.49
5	28	3.52	31	1.47	34	1.06	37	0.78	42	0.41
5	28	0.5	31	2.04	34	0.73	37	0.72	42	0.39
5	28	1.23	31	2.36	34	0.66	37	0.71	42	0.42
6	0	0.84	0	0.28	0	0.34	0	0.17	1	0.08
6	0	0.24	0	0.32	0	0.35	0	0.2	1	0.08
6	0	0.28	0	0.24	0	0.37	0	0.18	1	0.09
6	0	0.25	0	0.32	0	0.36	0	0.18	1	0.07
6	0	0.26	0	0.24	0	0.35	0	0.16	1	0.08
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	3	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
8	3	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
8	3	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
8	3	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
8	3	3600.0	2	3600.0	2	3600.0	2	3600.0	2	3600.0
9	3	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
9	3	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
9	3	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
9	3	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
9	3	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
10	3	3600.0	5	3600.0	5	3330.59	5	3600.0	5	1166.82
10	3	3600.0	5	3600.0	5	1624.71	5	3600.0	5	177.29
10	3	3600.0	5	3600.0	5	1535.97	5	1882.71	5	1063.45
10	3	3600.0	5	3600.0	5	1264.69	5	3600.0	5	676.71
10	3	3190.53	5	3600.0	5	692.09	5	3600.0	5	1653.09
11	5	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
11	5	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
11	5	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
11	5	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
12	2	3600.0	3	3600.0	4	3600.0	5	3190.05	10	3600.0
12	2	3600.0	3	3600.0	4	2872.17	5	3600.0	10	3600.0
12	2	3235.69	3	3600.0	4	3600.0	5	2564.32	10	3600.0
12	2	3600.0	3	3600.0	4	3600.0	5	3600.0	10	3600.0
12	2	3600.0	3	3600.0	4	2802.38	5	2837.17	10	3600.0
13	50	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	50	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	50	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	50	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
13	50	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	3600.0	0	2879.47	0	3600.0	0	1415.2
15	0	3064.25	0	3600.0	0	2419.64	0	3437.66	0	1900.84
15	0	3600.0	0	2752.77	0	3600.0	0	2682.72	0	2838.46

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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
15	0	2598.25	0	2993.22	0	2940.16	0	3081.01	0	2280.36
15	0	2207.0	0	3600.0	0	2955.92	0	2709.59	0	1552.23
16	0	17.0	0	12.15	0	44.41	0	65.75	0	18.44
16	0	14.97	0	7.2	0	132.57	0	15.3	0	7.02
16	0	16.73	0	19.48	0	43.75	0	18.46	0	8.66
16	0	15.83	0	15.14	0	39.53	0	15.45	0	5.87
16	0	18.91	0	7.32	0	44.97	0	38.82	0	6.49
17	0	58.32	0	264.41	0	44.21	0	54.63	0	61.35
17	0	51.56	0	33.97	0	55.07	0	113.52	0	40.66
17	0	74.53	0	54.34	0	48.88	0	48.15	0	42.39
17	0	50.81	0	48.24	0	58.96	0	55.91	0	40.65
17	0	62.47	0	53.16	0	46.55	0	64.74	0	61.15
18	0	393.55	0	231.72	0	1238.33	0	166.83	0	130.81
18	0	444.3	0	384.02	0	325.88	0	158.46	0	211.8
18	0	315.19	0	652.45	0	463.15	0	99.75	0	175.5
18	0	242.98	0	494.76	0	448.74	0	140.01	0	145.08
18	0	247.55	0	473.7	0	341.81	0	88.1	0	222.53
19	0	32.03	0	27.18	0	9.89	0	10.71	0	12.55
19	0	36.65	0	16.83	0	12.98	0	20.68	0	14.06
19	0	30.93	0	13.1	0	16.64	0	17.14	0	15.55
19	0	26.35	0	17.89	0	12.16	0	15.02	0	13.71
19	0	14.51	0	34.08	0	13.24	0	99.58	0	13.85
20	31	393.22	31	377.67	32	24.72	34	426.53	38	142.43
20	31	198.23	31	247.29	32	41.5	34	586.32	38	108.87
20	31	143.79	31	317.18	32	40.2	34	635.0	38	29.09
20	31	166.72	31	883.7	32	47.69	34	333.11	38	65.32
20	31	223.56	31	98.37	32	59.87	34	191.67	38	281.93
21	294	0.45	294	1.28	294	1.29	294	0.39	294	0.38
21	294	0.44	294	1.33	294	0.42	294	0.36	294	0.35
21	294	0.47	294	0.41	294	0.39	294	0.39	294	0.4
21	294	1.31	294	0.49	294	0.4	294	0.38	294	0.4
21	294	0.47	294	0.39	294	0.41	294	0.35	294	0.42
22	49	0.85	49	2.43	49	3.27	49	0.63	49	1.03
22	49	1.92	49	5.57	49	1.9	49	1.92	49	2.31
22	49	2.7	49	3.15	49	2.58	49	8.06	49	2.35
22	49	2.26	49	1.81	49	1.62	49	1.73	49	1.87
22	49	1.91	49	2.82	49	1.81	49	1.69	49	2.28
23	0	3600.0	0	3600.0	0	3600.0	0	2250.89	0	2367.73
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	1241.0
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3473.16

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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	2984.59	0	3600.0
23	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	2063.71
24	6	3600.0	6	3600.0	6	3600.0	6	3600.0	6	3600.0
24	6	3600.0	6	3600.0	6	3600.0	6	3600.0	6	3600.0
24	6	3600.0	6	3600.0	6	3600.0	6	3600.0	6	3600.0
24	6	3600.0	6	3600.0	6	3600.0	6	3600.0	6	3600.0
24	6	3600.0	6	3600.0	6	3600.0	6	3600.0	6	3600.0
25	0	2641.16	0	2275.03	0	2206.87	0	2515.14	0	2438.75
25	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
25	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
25	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
25	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
26	0	0.7	0	0.54	2	0.5	5	0.49	17	0.56
26	0	0.71	0	0.9	2	0.57	5	0.54	17	0.5
26	0	0.8	0	0.76	2	0.49	5	0.53	17	0.56
26	0	0.59	0	0.62	2	0.57	5	0.53	17	0.52
26	0	0.69	0	0.58	2	0.52	5	0.56	17	0.59
27	265	55.05	174	49.77	174	63.06	174	70.77	174	58.83
27	265	64.11	174	69.15	174	55.2	174	397.6	174	56.56
27	265	210.87	174	57.52	174	149.97	174	61.97	174	62.08
27	265	56.13	174	57.24	174	52.33	174	369.57	174	59.97
27	265	136.82	174	66.96	174	59.07	174	53.98	174	439.01
28	0	66.0	0	68.31	0	70.27	0	59.92	0	56.8
28	0	73.01	0	51.74	0	47.97	0	76.41	0	56.02
28	0	47.84	0	55.73	0	45.55	0	67.85	0	48.17
28	0	53.4	0	46.7	0	47.1	0	69.44	0	157.2
28	0	71.95	0	64.37	0	54.15	0	64.42	0	54.7
29	82	304.2	82	338.18	82	425.49	82	423.19	82	756.23
29	82	138.15	82	118.64	82	407.1	82	137.59	82	380.15
29	82	571.56	82	588.24	82	463.67	82	502.42	82	445.19
29	82	573.71	82	475.18	82	391.56	82	178.1	82	516.74
29	82	429.69	82	431.45	82	471.63	82	502.02	82	1258.74
30	0	72.41	0	126.38	0	135.23	0	145.72	0	306.5
30	0	441.53	0	113.03	0	118.22	0	147.31	0	36.1
30	0	103.33	0	168.55	0	197.63	0	85.1	0	34.79
30	0	116.74	0	139.03	0	120.94	0	55.71	0	176.52
30	0	123.18	0	164.28	0	142.46	0	25.43	0	168.33
31	1	252.45	0	498.68	0	442.64	0	556.58	0	420.39
31	1	252.89	0	391.2	0	502.47	0	649.32	0	621.91
31	1	264.53	0	316.58	0	434.84	0	459.92	0	524.26

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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	1	277.92	0	321.91	0	493.06	0	425.52	0	648.5
31	1	778.06	0	545.39	0	381.78	0	574.15	0	411.06
32	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
32	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
32	0	3600.0	0	3600.0	0	2063.45	0	3600.0	0	3600.0
32	0	3600.0	0	3366.4	0	3600.0	0	3600.0	0	3600.0
32	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
33	215	3600.0	215	3600.0	215	3600.0	215	2428.3	215	3600.0
33	215	3600.0	215	3600.0	215	3600.0	215	3600.0	215	3600.0
33	215	2118.69	215	1821.91	215	3600.0	215	3600.0	215	3600.0
33	215	3600.0	215	3600.0	215	3600.0	215	3600.0	215	3600.0
33	215	3422.88	215	2029.43	215	3600.0	215	3600.0	215	3600.0
34	319	180.81	323	286.62	323	275.71	323	280.16	323	282.49
34	319	262.74	323	1562.47	323	408.07	323	411.81	323	488.48
34	319	160.13	323	490.88	323	489.06	323	491.3	323	779.31
34	319	100.62	323	491.13	323	492.06	323	485.98	323	483.04
34	319	73.34	323	29.18	323	30.77	323	30.7	323	32.49
35	540	3600.0	540	3600.0	540	3600.0	540	3600.0	540	3600.0
35	540	3600.0	540	3600.0	540	3600.0	540	3600.0	540	3600.0
35	540	3600.0	540	3600.0	540	3600.0	540	3600.0	540	3600.0
35	540	3600.0	540	3600.0	540	3600.0	540	3600.0	540	3600.0
36	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
36	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
36	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
36	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
36	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
37	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
37	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
37	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
37	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
37	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0	1500	3600.0
38	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
38	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
38	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
38	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
38	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
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	3600.0	0	3596.8
41	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	3600.0	0	1997.78
41	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	2593.09
41	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
42	0	2371.9	0	1588.67	0	3600.0	0	1759.85	0	1581.77
42	0	3600.0	0	1985.7	0	1057.27	0	3600.0	0	3323.09
42	0	3590.47	0	1264.97	0	1343.84	0	2685.46	0	3600.0
42	0	3600.0	0	2357.07	0	966.86	0	3600.0	0	3600.0
42	0	2580.61	0	3600.0	0	2619.8	0	3600.0	0	841.42
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	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
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	1065.19	33	247.31
48	0	3600.0	3	3600.0	7	3600.0	17	1537.42	33	273.36
48	0	3600.0	3	3600.0	7	3600.0	17	1538.04	33	389.25
48	0	3600.0	3	3600.0	7	3600.0	17	1630.65	33	220.19
48	0	3600.0	3	3600.0	7	3600.0	17	1419.8	33	726.84
49	0	3600.0	0	2532.98	0	1841.02	0	446.26	0	939.66
49	0	3568.56	0	3501.16	0	3600.0	0	1546.83	0	1873.15
49	0	3600.0	0	2655.97	0	1289.63	0	703.23	0	735.57
49	0	3600.0	0	3600.0	0	2353.64	0	539.83	0	2925.82
49	0	3600.0	0	2936.12	0	1374.97	0	462.09	0	1970.77
50	2	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
50	2	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
50	2	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
50	2	3600.0	3	3600.0	3	3600.0	3	3600.0	3	3600.0
50	2	3600.0	3	3600.0	3	3600.0	3	3600.0	3	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
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	1154.65	0	1910.01	0	3267.71	0	3600.0	0	3600.0
53	0	1573.36	0	939.25	0	1841.42	0	3155.63	0	3600.0
53	0	3600.0	0	1677.46	0	1596.1	0	3570.67	0	3600.0
53	0	3600.0	0	1788.81	0	1860.16	0	3600.0	0	3600.0
53	0	3146.08	0	2082.65	0	3179.12	0	3179.83	0	2494.34
54	0	127.05	0	137.41	0	98.87	0	86.61	0	81.24
54	0	101.67	0	114.17	0	107.5	0	83.76	0	79.88
54	0	81.98	0	112.47	0	96.58	0	86.01	0	145.11
54	0	105.64	0	137.99	0	341.01	0	87.55	0	76.58
54	0	124.48	0	116.27	0	84.52	0	83.63	0	74.1
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	542.88	0	517.47	0	726.63	0	947.74	0	366.55
56	0	628.31	0	392.75	0	3110.87	0	749.14	0	388.68
56	0	537.72	0	2039.24	0	2776.4	0	2975.74	0	1077.75
56	0	537.58	0	1547.6	0	752.09	0	667.88	0	318.24
56	0	495.02	0	550.88	0	2806.07	0	904.26	0	301.67
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	3099.01	0	1580.26	0	200.65	0	243.78
58	0	3600.0	0	3600.0	0	1222.02	0	297.93	0	204.05
58	0	3600.0	0	3600.0	0	1301.62	0	226.25	0	262.14
58	0	3600.0	0	3600.0	0	2597.27	0	413.7	0	192.89
58	0	3600.0	0	3277.45	0	982.54	0	330.62	0	273.09
59	31	3600.0	31	3600.0	31	3600.0	31	3600.0	31	3331.28
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	3568.24	31	3600.0	31	3600.0
59	31	3600.0	31	3600.0	31	3600.0	31	3323.99	31	3600.0
60	6	3600.0	6	222.64	6	251.28	6	131.18	6	95.71
60	6	3600.0	6	120.67	6	655.63	6	151.81	6	83.26
60	6	3600.0	6	1418.93	6	99.06	6	90.36	6	85.32
60	6	3600.0	6	244.25	6	95.3	6	437.31	6	124.86
60	6	3600.0	6	3600.0	6	111.02	6	233.97	6	2977.84
61	0	1251.06	3	1338.48	3	1542.53	3	1320.33	3	1391.93
61	0	1598.49	3	1531.25	3	1756.15	3	1743.52	3	1744.27
61	0	1901.84	3	2356.68	3	2585.47	3	2531.59	3	2331.16
61	0	1767.48	3	1149.87	3	1513.51	3	3600.0	3	1238.44
61	0	1050.68	3	1157.53	3	1256.45	3	3600.0	3	1182.71
62	1500	359.03	1500	385.28	1500	414.75	1500	377.71	1500	317.11
62	1500	358.54	1500	424.31	1500	391.62	1500	403.71	1500	335.6
62	1500	373.16	1500	441.17	1500	415.23	1500	357.74	1500	326.7
62	1500	334.05	1500	359.54	1500	395.23	1500	447.8	1500	315.73
62	1500	2649.24	1500	331.47	1500	429.57	1500	342.39	1500	330.37
63	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
63	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
63	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
63	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
63	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
64	0	1663.3	0	2994.05	0	2927.23	0	2975.46	0	2942.45
64	0	3600.0	0	2133.12	0	2309.04	0	2169.88	0	3600.0
64	0	1415.05	0	838.16	0	580.06	0	651.63	0	3600.0
64	0	859.67	0	1857.4	0	909.2	0	882.57	0	1632.04
64	0	3254.92	0	1215.57	0	1248.13	0	1203.32	0	1815.24
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	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
66	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
66	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
66	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
67	0	285.33	0	261.38	0	469.39	0	334.7	0	353.67
67	0	324.39	0	410.44	0	396.02	0	281.53	0	280.72
67	0	291.36	0	243.64	0	345.35	0	311.4	0	241.14
67	0	263.41	0	370.15	0	248.93	0	219.15	0	355.33
67	0	454.79	0	266.27	0	253.93	0	284.38	0	1051.72
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	1300.38	0	1156.52	0	1126.06	0	1824.4	0	839.74
70	0	1470.99	0	1070.93	0	1916.29	0	1390.7	0	976.12
70	0	1207.41	0	1275.26	0	1667.56	0	1731.13	0	1258.41
70	0	987.75	0	1073.08	0	1215.11	0	1361.67	0	780.31
70	0	857.06	0	2514.75	0	3600.0	0	1525.45	0	1349.85
71	0	3145.23	0	2199.91	1	1048.87	2	289.56	6	53.49
71	0	838.06	0	1155.57	1	569.48	2	420.27	6	101.98
71	0	2184.21	0	1084.38	1	552.71	2	223.81	6	339.33

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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	2292.9	0	2191.55	1	452.84	2	324.56	6	116.21
71	0	2109.81	0	1421.15	1	487.83	2	247.75	6	500.59
72	0	0.01	0	0.01	0	0.02	0	0.01	0	0.02
72	0	0.01	0	0.01	0	0.01	0	0.02	0	0.05
72	0	0.01	0	0.01	0	0.01	0	0.04	0	0.02
72	0	0.01	0	0.02	0	0.01	0	0.01	0	0.01
72	0	0.01	0	0.01	0	0.01	0	0.01	0	0.02
73	0	0.02	0	0.03	0	0.02	0	0.03	0	0.11
73	0	0.02	0	0.02	0	0.02	0	0.02	0	0.03
73	0	0.02	0	0.03	0	0.02	0	0.02	0	0.02
73	0	0.03	0	0.03	0	0.03	0	0.07	0	0.03
73	0	0.03	0	0.03	0	0.03	0	0.02	0	0.04
74	177	2.57	150	2.34	150	2.27	150	2.31	150	2.53
74	177	3.02	150	2.82	150	2.51	150	2.72	150	2.54
74	177	2.93	150	3.0	150	2.15	150	2.61	150	2.71
74	177	2.89	150	2.38	150	2.34	150	5.32	150	8.24
74	177	2.59	150	2.3	150	2.14	150	6.63	150	2.05
75	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
75	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
75	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
75	0	0.0	0	0.01	0	0.01	0	0.01	0	0.01
75	0	0.0	0	0.01	0	0.01	0	0.01	0	0.01
76	0	0.01	0	0.01	0	0.01	0	0.02	0	0.01
76	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
76	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
76	0	0.01	0	0.01	0	0.01	0	0.01	0	0.02
76	0	0.01	0	0.01	0	0.01	0	0.01	0	0.02
76	0	0.01	0	0.01	0	0.01	0	0.01	0	0.02
77	0	0.05	0	0.02	0	0.02	0	0.03	0	0.01
77	0	0.07	0	0.03	0	0.03	0	0.03	0	0.05
77	0	0.04	0	0.02	0	0.03	0	0.03	0	0.03
77	0	0.04	0	0.02	0	0.02	0	0.03	0	0.01
77	0	0.06	0	0.02	0	0.02	0	0.09	0	0.01
78	233	3600.0	230	3600.0	230	3600.0	230	3600.0	230	3600.0
78	233	3600.0	230	3600.0	230	3600.0	230	3600.0	230	3600.0
78	233	3600.0	230	3600.0	230	3600.0	230	3600.0	230	3600.0
78	233	3600.0	230	3600.0	230	3600.0	230	3600.0	230	3600.0
78	233	3600.0	230	3600.0	230	3600.0	230	3600.0	230	3600.0
79	13	264.65	13	288.78	13	193.83	13	128.49	13	727.84
79	13	129.62	13	163.1	13	141.84	13	194.13	13	522.13
79	13	200.15	13	139.96	13	198.63	13	359.41	13	198.74

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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	13	263.19	13	156.66	13	132.39	13	210.73	13	96.27
79	13	115.15	13	211.19	13	146.46	13	462.7	13	129.63
80	0	46.5	0	78.53	0	58.18	0	67.49	0	87.33
80	0	75.18	0	232.83	0	65.09	0	62.46	0	96.07
80	0	64.88	0	66.01	0	81.38	0	58.05	0	101.61
80	0	61.47	0	74.17	0	64.14	0	67.2	0	85.74
80	0	70.71	0	67.85	0	62.13	0	77.43	0	90.66
81	0	74.0	0	85.04	0	83.11	0	60.34	0	55.33
81	0	65.56	0	79.74	0	85.11	0	69.42	0	52.16
81	0	86.98	0	81.89	0	84.33	0	54.06	0	61.69
81	0	78.83	0	76.64	0	87.94	0	71.66	0	60.84
81	0	77.43	0	82.42	0	79.64	0	64.69	0	63.48
82	178	3600.0	178	3600.0	178	3600.0	178	3600.0	178	3600.0
82	178	3600.0	178	3600.0	178	3600.0	178	3600.0	178	3600.0
82	178	3600.0	178	3600.0	178	3600.0	178	3600.0	178	3600.0
82	178	3600.0	178	3600.0	178	3600.0	178	3600.0	178	3600.0
82	178	3600.0	178	3600.0	178	3600.0	178	3600.0	178	3600.0
83	196	3600.0	197	3600.0	197	3600.0	197	3600.0	197	3600.0
83	196	3600.0	197	3600.0	197	3600.0	197	3600.0	197	3600.0
83	196	3600.0	197	3600.0	197	3600.0	197	3600.0	197	3600.0
83	196	3600.0	197	3600.0	197	3600.0	197	3600.0	197	3600.0
83	196	3600.0	197	3600.0	197	3600.0	197	3600.0	197	3600.0
84	279	3600.0	277	3600.0	277	3600.0	277	3600.0	277	3600.0
84	279	3600.0	277	3600.0	277	3600.0	277	3600.0	277	3600.0
84	279	3600.0	277	3600.0	277	3600.0	277	3600.0	277	3600.0
84	279	3600.0	277	3600.0	277	3600.0	277	3600.0	277	3600.0
84	279	3600.0	277	3600.0	277	3600.0	277	3600.0	277	3600.0
85	199	947.0	0	5.6	0	18.07	0	5.43	0	4.82
85	199	727.97	0	5.69	0	6.09	0	4.92	0	6.81
85	199	636.14	0	6.55	0	5.72	0	4.15	0	6.9
85	199	485.0	0	4.0	0	4.92	0	6.58	0	4.53
85	199	275.31	0	6.51	0	7.69	0	4.02	0	5.39
86	1500	0.26	0	0.03	0	0.03	0	0.03	0	0.03
86	1500	0.28	0	0.03	0	0.03	0	0.03	0	0.09
86	1500	0.31	0	0.03	0	0.03	0	0.09	0	0.03
86	1500	0.27	0	0.03	0	0.03	0	0.03	0	0.03
86	1500	0.27	0	0.03	0	0.03	0	0.03	0	0.03
87	1500	0.5	0	0.04	0	0.04	0	0.04	0	0.05
87	1500	0.47	0	0.05	0	0.04	0	0.04	0	0.04
87	1500	0.36	0	0.05	0	0.04	0	0.04	0	0.05

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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	1500	0.44	0	0.04	0	0.05	0	0.05	0	0.05
87	1500	0.47	0	0.04	0	0.04	0	0.04	0	0.05
88	1500	2.9	0	0.12	0	0.08	0	0.08	0	0.09
88	1500	4.45	0	0.08	0	0.08	0	0.08	0	0.09
88	1500	1.93	0	0.08	0	0.08	0	0.08	0	0.09
88	1500	2.03	0	0.08	0	0.08	0	0.08	0	0.1
88	1500	1.95	0	0.08	0	0.08	0	0.08	0	0.09
89	1500	4.31	0	0.17	0	0.17	0	0.17	0	0.18
89	1500	4.81	0	0.27	0	0.17	0	0.17	0	0.17
89	1500	4.73	0	0.17	0	0.16	0	0.17	0	0.18
89	1500	4.77	0	0.18	0	0.18	0	0.18	0	0.17
89	1500	4.78	0	0.17	0	0.17	0	0.61	0	0.19
90	1500	0.33	0	0.02	0	0.02	0	0.02	0	0.02
90	1500	0.17	0	0.02	0	0.08	0	0.02	0	0.03
90	1500	0.36	0	0.02	0	0.02	0	0.02	0	0.02
90	1500	0.16	0	0.02	0	0.02	0	0.02	0	0.02
90	1500	0.36	0	0.02	0	0.02	0	0.02	0	0.03
91	0	0.66	0	0.59	0	0.59	0	0.66	0	0.59
91	0	0.54	0	0.58	0	0.61	0	0.59	0	0.55
91	0	0.62	0	0.55	0	0.6	0	0.58	0	0.62
91	0	0.62	0	1.26	0	0.69	0	0.58	0	0.59
91	0	0.57	0	0.57	0	1.96	0	0.61	0	0.64
92	1319	9.88	0	0.4	0	0.41	0	0.38	0	0.39
92	1319	30.46	0	0.41	0	0.38	0	0.36	0	0.4
92	1319	7.89	0	0.38	0	0.65	0	0.38	0	0.44
92	1319	8.41	0	0.4	0	0.41	0	0.38	0	0.41
92	1319	6.99	0	0.39	0	0.4	0	0.42	0	0.4
93	700	0.04	0	0.01	0	0.01	0	0.02	0	0.02
93	700	0.04	0	0.01	0	0.01	0	0.01	0	0.01
93	700	0.04	0	0.01	0	0.01	0	0.01	0	0.03
93	700	0.04	0	0.01	0	0.02	0	0.01	0	0.01
94	868	71.47	885	113.05	885	60.86	885	59.59	885	58.73
94	868	76.01	885	124.48	885	52.4	885	51.47	885	61.23
94	868	70.45	885	53.63	885	60.26	885	55.78	885	61.94
94	868	75.89	885	100.08	885	34.13	885	35.16	885	44.45
94	868	77.67	885	54.75	885	52.48	885	155.29	885	62.02
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	0.01	5	0.04	5	0.01	7	0.01	9	0.01
99	0	0.01	5	0.01	5	0.01	7	0.01	9	0.04
99	0	0.01	5	0.01	5	0.01	7	0.02	9	0.04
99	0	0.01	5	0.02	5	0.01	7	0.02	9	0.01
99	0	0.01	5	0.01	5	0.01	7	0.02	9	0.01
100	1	0.02	10	0.09	14	0.03	18	0.03	20	0.09
100	1	0.02	10	0.03	14	0.03	18	0.03	20	0.1
100	1	0.02	10	0.04	14	0.03	18	0.03	20	0.03
100	1	0.02	10	0.03	14	0.03	18	0.03	20	0.04
100	1	0.02	10	0.03	14	0.03	18	0.03	20	0.1
101	0	0.17	6	0.05	9	0.06	20	0.06	28	0.2
101	0	0.05	6	0.06	9	0.05	20	0.08	28	0.19
101	0	0.05	6	0.09	9	0.06	20	0.05	28	0.06
101	0	0.05	6	0.05	9	0.05	20	0.05	28	0.07
101	0	0.05	6	0.05	9	0.2	20	0.05	28	0.19
102	1	0.08	14	0.29	25	0.07	44	0.07	52	0.27
102	1	0.07	14	0.08	25	0.07	44	0.08	52	0.27
102	1	0.07	14	0.08	25	0.08	44	0.08	52	0.09
102	1	0.26	14	0.09	25	0.08	44	0.08	52	0.08
102	1	0.07	14	0.14	25	0.08	44	0.07	52	0.09
103	1	0.04	20	0.04	29	0.16	40	0.05	43	0.16
103	1	0.04	20	0.04	29	0.04	40	0.05	43	0.16
103	1	0.04	20	0.04	29	0.15	40	0.04	43	0.15

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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	0.04	20	0.05	29	0.04	40	0.05	43	0.05
103	1	0.04	20	0.04	29	0.04	40	0.05	43	0.06
104	1	0.19	7	0.23	12	0.2	31	0.21	35	0.25
104	1	0.65	7	0.7	12	0.25	31	0.22	35	0.76
104	1	0.7	7	0.39	12	0.72	31	0.19	35	0.76
104	1	0.63	7	0.22	12	0.22	31	0.19	35	0.76
104	1	0.7	7	0.2	12	0.2	31	0.2	35	0.27
105	0	0.16	3	0.14	6	0.22	17	0.16	20	0.21
105	0	0.17	3	0.15	6	0.67	17	0.16	20	0.22
105	0	0.17	3	0.16	6	0.68	17	0.16	20	0.23
105	0	0.16	3	0.15	6	0.19	17	0.16	20	0.19
105	0	0.17	3	0.16	6	0.21	17	0.17	20	0.64
106	2	2.24	25	2.05	54	1.89	89	1.9	117	7.01
106	2	2.19	25	2.17	54	2.16	89	1.98	117	7.29
106	2	6.73	25	2.12	54	6.62	89	2.26	117	2.5
106	2	6.68	25	2.04	54	2.1	89	1.83	117	2.11
106	2	7.09	25	2.19	54	2.04	89	1.79	117	2.12
107	2	70.3	7	95.01	11	16.17	22	4.63	28	2.9
107	2	19.02	7	16.78	11	13.8	22	9.52	28	3.19
107	2	20.89	7	18.26	11	13.57	22	6.99	28	10.65
107	2	17.88	7	12.36	11	15.71	22	8.39	28	10.67
107	2	21.15	7	12.06	11	8.89	22	10.93	28	10.67
108	6	19.7	51	10.22	84	13.45	136	15.52	174	8.54
108	6	16.89	51	10.06	84	13.97	136	14.93	174	2.87
108	6	14.66	51	9.52	84	36.26	136	13.21	174	3.1
108	6	15.55	51	10.54	84	39.82	136	20.03	174	2.9
108	6	17.24	51	11.52	84	11.51	136	14.84	174	3.11
109	869	49.94	867	49.48	867	51.56	867	49.58	867	49.79
109	869	52.13	867	55.96	867	69.3	867	55.45	867	148.76
109	869	43.99	867	50.09	867	53.48	867	50.64	867	151.25
109	869	46.61	867	49.98	867	151.93	867	52.09	867	148.72
109	869	48.32	867	55.24	867	57.1	867	56.63	867	164.23
110	2	0.04	2	0.03	2	0.04	2	0.04	2	0.04
110	2	0.03	2	0.04	2	0.03	2	0.04	2	0.05
110	2	0.04	2	0.06	2	0.04	2	0.04	2	0.05
110	2	0.05	2	0.06	2	0.04	2	0.05	2	0.05
110	2	0.05	2	0.06	2	0.05	2	0.05	2	0.08
111	0	0.0	0	0.01	0	0.01	0	0.01	0	0.02
111	0	0.0	0	0.01	0	0.01	0	0.01	0	0.01
111	0	0.01	0	0.01	0	0.01	0	0.01	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	0.0	0	0.01	0	0.01	0	0.01	0	0.01
112	212	1.55	1500	2.33	1500	1.91	1500	4.35	1500	2.82
112	212	1.38	1500	2.81	1500	5.11	1500	4.64	1500	2.91
112	212	1.41	1500	1.42	1500	1.6	1500	3.79	1500	2.57
112	212	1.48	1500	3.56	1500	1.24	1500	4.34	1500	2.58
112	212	1.55	1500	1.47	1500	1.45	1500	3.75	1500	2.56
113	0	0.12	0	0.14	0	0.13	0	0.39	0	0.14
113	0	0.12	0	0.13	0	0.17	0	0.13	0	0.17
113	0	0.12	0	0.13	0	0.17	0	0.13	0	0.14
113	0	0.13	0	0.14	0	0.14	0	0.14	0	0.15
113	0	0.13	0	0.23	0	0.13	0	0.13	0	0.16
114	1036	0.29	1036	0.85	1036	1.14	1036	0.51	1036	0.82
114	1036	0.7	1036	1.35	1036	0.93	1036	0.6	1036	0.79
114	1036	0.95	1036	0.91	1036	1.01	1036	0.6	1036	0.86
114	1036	0.27	1036	0.9	1036	0.85	1036	0.54	1036	0.87
114	1036	1.38	1036	0.84	1036	0.89	1036	0.51	1036	0.76
115	880	65.26	882	39.94	882	116.17	882	39.69	882	48.07
115	880	64.75	882	34.93	882	40.63	882	107.71	882	45.99
115	880	59.77	882	39.63	882	37.2	882	41.17	882	40.81
115	880	83.24	882	65.45	882	36.92	882	40.92	882	54.19
115	880	74.58	882	38.43	882	60.87	882	37.4	882	42.76
116	870	43.62	867	64.76	867	62.91	867	70.62	867	67.44
116	870	40.82	867	55.83	867	60.89	867	55.47	867	60.85
116	870	41.83	867	59.14	867	61.43	867	59.83	867	78.35
116	870	42.82	867	63.38	867	173.62	867	59.7	867	60.12
116	870	41.86	867	127.44	867	53.21	867	55.56	867	61.74
117	883	44.05	910	42.52	910	44.02	910	42.97	910	54.86
117	883	51.15	910	33.26	910	37.24	910	49.8	910	44.44
117	883	39.33	910	38.13	910	52.93	910	39.44	910	107.17
117	883	141.77	910	91.97	910	32.55	910	36.78	910	100.42
117	883	136.86	910	92.94	910	39.9	910	37.62	910	102.48
118	878	130.32	882	39.06	882	34.48	882	36.56	882	105.27
118	878	44.66	882	40.31	882	107.9	882	37.73	882	38.85
118	878	45.15	882	41.34	882	42.13	882	38.22	882	45.77
118	878	40.66	882	114.87	882	44.99	882	117.67	882	50.41
118	878	138.05	882	41.6	882	42.78	882	38.83	882	45.11
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	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
122	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
122	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
122	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
122	1	3600.0	1	3600.0	1	3600.0	1	3600.0	1	3600.0
123	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
123	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
123	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
123	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
123	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
124	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
125	0	24.09	0	14.35	0	27.51	0	22.19	0	11.84
125	0	18.86	0	22.7	0	10.31	0	18.51	0	14.79
125	0	19.15	0	23.04	0	21.6	0	18.75	0	19.0
125	0	18.03	0	21.97	0	34.92	0	19.48	0	20.3
125	0	19.32	0	15.12	0	21.62	0	19.55	0	17.15
126	0	26.23	0	30.88	0	39.16	0	18.06	0	13.6
126	0	39.59	0	13.36	0	46.66	0	63.94	0	11.02
126	0	46.17	0	36.35	0	35.67	0	198.88	0	29.6
126	0	37.44	0	37.42	0	203.17	0	66.79	0	26.87
126	0	38.89	0	44.17	0	37.94	0	25.05	0	22.46
127	0	17.79	0	13.47	0	6.48	0	13.4	0	13.97
127	0	10.3	0	6.46	0	12.39	0	9.95	0	11.91
127	0	13.41	0	5.33	0	12.7	0	12.14	0	10.04

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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	0	15.98	0	11.06	0	7.0	0	20.92	0	11.66
127	0	38.31	0	17.41	0	15.57	0	12.11	0	12.09
128	0	328.49	0	377.99	0	315.69	0	333.52	0	382.99
128	0	331.82	0	696.04	0	316.01	0	457.48	0	372.56
128	0	418.15	0	351.54	0	315.22	0	480.53	0	897.93
128	0	363.01	0	251.83	0	266.37	0	1296.17	0	462.7
128	0	328.41	0	337.78	0	238.02	0	336.41	0	320.59
129	0	762.64	0	790.05	0	1960.54	0	917.76	0	984.94
129	0	1725.22	0	734.22	0	1272.15	0	1114.52	0	1123.32
129	0	671.62	0	1156.85	0	583.98	0	1810.1	0	1006.49
129	0	887.79	0	598.07	0	1263.5	0	716.84	0	2795.52
129	0	3600.0	0	2082.59	0	680.89	0	782.47	0	1381.47
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	3007.13	0	3331.01
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	3390.61	0	3600.0
131	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
131	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
131	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
131	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
131	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
132	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
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
134	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
135	0	562.76	0	169.62	0	193.64	0	288.2	0	356.94
135	0	448.53	0	269.85	0	281.29	0	352.47	0	357.4
135	0	461.18	0	326.03	0	313.0	0	356.08	0	347.91

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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	466.67	0	351.13	0	320.55	0	297.11	0	1799.08
135	0	256.76	0	239.65	0	238.04	0	391.63	0	484.02
136	0	446.51	0	327.83	0	477.47	0	648.38	0	1404.63
136	0	197.31	0	219.06	0	274.16	0	373.01	0	262.88
136	0	207.25	0	300.89	0	360.59	0	393.11	0	523.33
136	0	287.92	0	457.39	0	477.78	0	349.63	0	337.73
136	0	539.9	0	182.35	0	417.35	0	297.32	0	481.97
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	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
139	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
139	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
139	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
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	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
141	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
141	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
141	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
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	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
144	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	1126.72	0	1376.37	0	697.16	0	504.96	0	2057.54
146	0	1335.86	0	1291.93	0	1535.41	0	1405.07	0	3600.0
146	0	1003.01	0	754.12	0	863.06	0	3600.0	0	1223.79
146	0	1127.49	0	559.16	0	1304.94	0	773.77	0	629.34
146	0	848.19	0	929.76	0	1242.68	0	869.22	0	3208.29
147	0	1641.09	0	3600.0	0	887.77	0	793.66	0	943.11
147	0	857.11	0	810.01	0	839.31	0	1055.32	0	1031.24
147	0	701.56	0	545.44	0	1140.4	0	866.24	0	1040.83
147	0	798.13	0	1177.23	0	977.34	0	770.53	0	1085.2
147	0	1133.04	0	809.58	0	776.31	0	904.83	0	576.92
148	0	1385.88	0	1060.24	0	857.7	0	1178.98	0	1212.23
148	0	1226.08	0	1342.46	0	1289.85	0	1217.59	0	1662.98
148	0	981.36	0	1471.18	0	888.91	0	1042.04	0	1067.62
148	0	1487.64	0	1045.07	0	1275.05	0	1388.66	0	740.04
148	0	1464.08	0	1348.86	0	1611.03	0	1618.13	0	1020.04
149	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
149	0	3350.21	0	3600.0	0	3600.0	0	3600.0	0	3178.83
149	0	3600.0	0	3600.0	0	2966.58	0	3600.0	0	3600.0
149	0	3600.0	0	3600.0	0	3291.7	0	3600.0	0	3600.0
149	0	3600.0	0	3600.0	0	2809.73	0	3600.0	0	3600.0
150	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
150	0	3600.0	0	3600.0	0	3600.0	0	3574.33	0	3600.0
150	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
150	0	3600.0	0	3600.0	0	3600.0	0	3600.0	0	3600.0
150	0	3415.02	0	3600.0	0	3600.0	0	3600.0	0	3600.0
151	0	3600.0	38	3600.0	52	3600.0	52	3600.0	55	3600.0
151	0	3600.0	38	3600.0	52	3600.0	52	3600.0	55	3600.0
151	0	3600.0	38	3600.0	52	3600.0	52	3600.0	55	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
151	0	3600.0	38	3600.0	52	3600.0	52	3600.0	55	1837.86
151	0	3600.0	38	3600.0	52	3600.0	52	3600.0	55	3600.0
152	0	31.56	0	71.47	0	39.07	0	46.09	0	62.15
152	0	31.64	0	37.4	0	46.65	0	43.04	0	54.02
152	0	30.75	0	39.67	0	53.22	0	42.18	0	55.28
152	0	30.06	0	37.47	0	37.97	0	44.58	0	55.48
152	0	24.36	0	35.21	0	46.23	0	44.72	0	45.82
153	0	0.1	0	0.23	0	0.1	0	0.21	0	0.28
153	0	0.11	0	0.22	0	0.11	0	0.27	0	0.3
153	0	0.1	0	0.26	0	0.1	0	0.34	0	0.31
153	0	0.11	0	0.18	0	0.09	0	0.23	0	0.36
153	0	0.11	0	0.21	0	0.1	0	0.28	0	0.34
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	3600.0	0	229.83	0	224.32	0	129.33	1	115.15
156	0	3600.0	0	296.06	0	146.61	0	156.58	1	100.58
156	0	3600.0	0	249.52	0	431.18	0	138.06	1	140.06
156	0	3600.0	0	195.54	0	119.13	0	492.95	1	115.18
156	0	3600.0	0	169.65	0	204.74	0	130.49	1	116.78
157	883	53.57	941	31.14	941	30.78	941	32.23	941	30.66
157	883	145.91	941	29.77	941	32.25	941	30.26	941	30.05
157	883	44.94	941	32.45	941	32.26	941	27.9	941	35.04
157	883	49.95	941	97.44	941	40.13	941	41.04	941	37.43
157	883	48.54	941	36.48	941	39.58	941	34.67	941	40.92
158	10	0.21	10	0.21	10	0.2	10	0.2	10	0.19
158	10	0.23	10	0.19	10	0.19	10	0.18	10	0.21
158	10	0.22	10	0.21	10	0.21	10	0.21	10	0.24
158	10	0.2	10	0.22	10	0.2	10	0.2	10	0.19
158	10	0.23	10	0.21	10	0.25	10	0.18	10	0.2
159	16	0.2	13	0.22	13	0.21	13	0.22	13	0.2
159	16	0.2	13	0.21	13	0.22	13	0.2	13	0.22
159	16	0.2	13	0.23	13	0.22	13	0.22	13	0.2

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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	16	0.2	13	0.22	13	0.21	13	0.19	13	0.25
159	16	0.2	13	0.21	13	0.21	13	0.23	13	0.2
160	30	0.26	33	0.2	33	0.2	33	0.21	33	0.19
160	30	0.22	33	0.18	33	0.26	33	0.19	33	0.19
160	30	0.27	33	0.19	33	0.2	33	0.22	33	0.19
160	30	0.23	33	0.2	33	0.2	33	0.19	33	0.2
160	30	0.24	33	0.21	33	0.21	33	0.18	33	0.21
161	74	1.98	67	1.82	67	1.77	67	1.83	67	2.07
161	74	1.95	67	1.88	67	2.06	67	1.8	67	1.84
161	74	2.12	67	1.82	67	2.07	67	1.74	67	1.93
161	74	2.19	67	1.92	67	1.88	67	2.18	67	1.82
161	74	1.92	67	2.08	67	2.53	67	1.99	67	2.04
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	5	0.03	6	0.04	6	0.03	6	0.04	6	0.04
163	5	0.04	6	0.03	6	0.03	6	0.03	6	0.04
163	5	0.06	6	0.03	6	0.04	6	0.11	6	0.04
163	5	0.03	6	0.04	6	0.03	6	0.03	6	0.03
163	5	0.04	6	0.03	6	0.04	6	0.03	6	0.03
164	19	0.04	19	0.05	19	0.06	19	0.05	19	0.06
164	19	0.05	19	0.05	19	0.05	19	0.04	19	0.06
164	19	0.04	19	0.05	19	0.05	19	0.05	19	0.05
164	19	0.05	19	0.05	19	0.06	19	0.05	19	0.05
164	19	0.05	19	0.05	19	0.06	19	0.18	19	0.05
165	11	0.61	11	0.57	11	0.61	11	0.57	11	0.62
165	11	0.58	11	0.6	11	0.62	11	0.79	11	0.62
165	11	0.5	11	0.7	11	0.69	11	0.58	11	0.64
165	11	0.62	11	0.58	11	0.61	11	0.57	11	0.61
165	11	0.62	11	0.56	11	0.57	11	0.63	11	0.62
166	10	1.77	10	1.9	10	2.08	10	1.76	10	2.13
166	10	1.68	10	1.91	10	2.19	10	1.91	10	1.87
166	10	2.11	10	2.26	10	1.65	10	2.59	10	2.41
166	10	1.9	10	1.67	10	1.79	10	1.56	10	1.7
166	10	1.81	10	1.87	10	1.59	10	2.02	10	1.9
167	9	0.1	10	0.08	10	0.07	10	0.08	10	0.08
167	9	0.08	10	0.14	10	0.15	10	0.13	10	0.14
167	9	0.1	10	0.17	10	0.1	10	0.1	10	0.18

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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	9	0.12	10	0.13	10	0.12	10	0.13	10	0.17
167	9	0.1	10	0.17	10	0.18	10	0.16	10	0.15
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
168	26	3600.0	26	3600.0	26	3600.0	26	3600.0	26	3600.0
169	7	36.09	7	71.87	7	70.06	7	101.25	7	36.65
169	7	44.18	7	134.72	7	62.96	7	289.1	7	63.76
169	7	386.21	7	42.66	7	531.36	7	68.35	7	126.31
169	7	65.09	7	76.06	7	44.65	7	38.89	7	118.31
169	7	200.43	7	181.42	7	93.45	7	57.68	7	103.68