

LAMPIRAN

Lampiran A Data Hasil Pengujian SEM

Tabel A. 1 Data Hasil Pengujian SEM Sampel A1

Area	Mean	Min	Max	Angle	Length
0.003	163.714	149.000	181.000	0	0.121
0.004	150.909	129.000	186.000	0	0.131
0.003	108.102	89.000	133.163	56.310	0.145
0.004	104.509	59.000	127.000	-11.310	0.149
-					
0.005	105.010	36.066	141.000	111.801	0.162
0.004	101.069	64.000	121.625	45.000	0.171
0.006	115.098	11.000	171.796	-33.690	0.19
0.006	133.059	109.102	161.082	-33.690	0.211
0.005	120.219	109.868	138.000	68.199	0.217
0.005	116.915	95.463	140.000	-45.000	0.228
0.005	107.590	78.000	131.667	59.036	0.235
0.007	150.971	138.500	176.500	60.255	0.238
0.007	105.319	27.000	155.618	-74.055	0.245
0.006	130.983	107.450	160.456	-38.660	0.258
0.006	144.733	124.000	190.000	0	0.282
0.006	111.962	41.000	139.571	81.870	0.285
0.006	133.203	101.000	172.633	-33.690	0.291
0.007	156.182	135.071	174.284	-15.945	0.294
0.007	107.188	92.500	133.000	29.745	0.312
0.007	90.018	73.938	103.500	60.255	0.32
0.007	121.728	80.000	167.000	-60.255	0.325
0.007	95.471	32.750	130.250	104.036	0.332
0.007	131.335	75.000	155.554	-45.000	0.342
0.008	120.437	93.667	141.000	-49.399	0.372
0.008	135.065	80.000	187.416	-32.005	0.38
0.012	126.900	102.980	161.816	45.000	0.39
0.01	157.807	99.000	186.500	-4.764	0.408
0.011	170.282	136.000	200.231	-4.399	0.41
0.01	140.001	114.688	192.368	-24.444	0.421
0.01	105.387	63.667	140.417	-85.236	0.43

Tabel A. 2 Data Hasil Pengujian SEM Sampel A2

Area	Mean	Min	Max	Angle	Length
0.003	155.127	138.222	180.444	-45.000	0.114
0.003	152.393	127.000	175.000	-30.964	0.118
0.003	156.254	92.111	215.333	-45.000	0.12
0.003	126.000	90.000	154.000	90.000	0.121
0.003	153.714	74.000	194.000	108.435	0.128
0.003	191.094	129.000	212.000	26.565	0.135
0.003	144.827	102.163	191.000	-33.690	0.145
0.003	175.714	123.000	213.000	0	0.148
0.004	149.688	138.672	165.516	-66.801	0.154
0.003	140.648	125.000	150.592	56.310	0.16
				-	
0.004	210.722	168.000	234.250	104.036	0.166
0.004	152.936	125.000	168.827	-54.462	0.173
0.003	140.143	113.000	176.000	0	0.178
0.004	176.432	164.778	207.321	-26.565	0.18
0.004	136.276	81.000	161.200	143.130	0.202
0.004	173.364	156.000	194.000	0	0.202
0.005	176.899	112.000	209.107	41.186	0.214
0.005	197.446	173.496	242.000	45.000	0.228
0.005	153.654	68.000	219.000	59.036	0.235
0.005	196.115	126.000	251.000	80.538	0.245
0.005	188.980	170.889	215.181	34.992	0.246
0.006	200.391	172.556	239.757	28.610	0.253
0.006	157.439	84.000	207.462	38.660	0.258
0.005	155.077	136.833	171.000	9.462	0.26
0.004	132.775	27.000	171.000	-53.130	0.28
0.006	146.569	76.939	190.000	-56.310	0.291
0.007	172.250	117.500	220.000	7.125	0.325
0.008	154.579	134.000	186.000	0	0.332
0.01	163.262	136.601	187.474	45.000	0.34
0.007	154.118	119.000	175.709	-35.538	0.347

Tabel A. 3 Data Hasil Pengujian SEM Sampel A3

Area	Mean	Min	Max	Angle	Length
0.002	122.573	113.560	135.000	53.130	0.102
0.002	110.413	91.000	121.000	-36.870	0.11
0.005	160.516	125.360	205.840	-36.870	0.12
0.003	158.291	146.306	175.000	-33.690	0.14
0.003	141.949	128.000	156.694	-56.310	0.147
0.004	129.792	111.000	162.562	66.801	0.155
0.004	117.667	95.000	152.000	0	0.163
0.004	143.125	116.938	162.500	-60.255	0.164
0.004	139.722	89.000	170.500	-75.964	0.168
0.004	156.708	111.000	195.312	-45.000	0.172
0.004	131.562	110.500	155.750	-45.000	0.172
0.004	123.956	67.185	158.333	-69.444	0.174
0.005	139.958	112.000	167.000	-23.962	0.2
0.005	185.473	145.000	222.840	53.130	0.205
0.005	151.141	115.300	179.400	60.945	0.209
0.005	154.628	99.000	184.603	-68.199	0.219
0.005	132.258	95.000	168.000	-45.000	0.23
				-	
0.005	145.978	88.000	180.000	127.875	0.232
0.005	147.000	130.000	183.500	-59.036	0.237
0.005	165.962	122.000	196.833	-9.462	0.247
0.006	152.533	133.385	180.432	-18.435	0.257
				-	
0.005	140.128	110.000	165.000	120.964	0.26
0.006	206.713	188.645	245.000	-18.435	0.26
0.006	148.733	109.000	183.000	0	0.285
0.006	150.450	124.939	173.878	-56.310	0.293
				-	
0.005	156.603	139.372	195.347	111.801	0.304
0.007	148.566	104.000	171.688	-60.255	0.328
0.007	122.588	57.000	168.000	-75.964	0.335
0.009	204.780	170.286	242.721	-60.945	0.34
0.009	204.196	163.544	255.000	-16.699	0.344

Tabel A. 4 Data Hasil Pengujian Sampel B1

Area	Mean	Min	Max	Angle	Length
0.003	142.032	125.000	185.000	45.000	0.138
0.003	155.381	136.667	178.333	-18.435	0.14
0.003	82.524	61.667	101.000	18.435	0.142
0.003	131.878	112.000	146.204	33.690	0.147
0.003	131.413	97.000	147.122	-33.690	0.148
0.004	129.889	109.000	142.000	0	0.163
0.004	90.688	54.000	109.188	-45.000	0.172
0.004	133.643	115.222	158.000	26.565	0.182
0.003	89.347	85.286	101.000	-56.310	0.19
0.005	122.076	81.000	155.000	36.870	0.203
0.005	107.000	98.000	134.000	11.310	0.207
0.005	112.374	71.306	141.992	21.801	0.219
0.005	134.994	116.000	170.833	59.036	0.237
0.005	148.692	119.000	198.000	-90.000	0.244
0.005	110.731	50.667	141.500	9.462	0.247
0.006	115.765	67.834	156.000	38.660	0.26
0.006	101.434	65.000	128.775	-63.435	0.273
0.006	172.467	138.000	200.000	0	0.285
0.006	132.339	56.000	167.612	-45.000	0.287
-					
0.007	136.132	75.000	195.000	105.945	0.296
0.005	105.727	88.400	132.000	11.310	0.312
0.007	126.923	102.531	158.812	-39.806	0.317
0.007	136.353	118.500	179.062	29.745	0.328
0.005	129.121	74.967	160.372	-68.199	0.347
0.007	135.603	92.000	201.398	54.462	0.35
0.005	129.091	73.000	153.000	53.130	0.363
0.005	127.745	98.000	140.120	36.870	0.38
0.008	143.366	120.086	165.573	-32.005	0.383
0.006	138.223	119.000	154.388	-45.000	0.42
-					
0.01	162.206	100.000	196.215	111.801	0.449

Tabel A. 5 Data Hasil Pengujian SEM Sampel B2

Area	Mean	Min	Max	Angle	Length
0.002	171.400	137.800	190.000	-11.310	0.101
0.003	206.429	186.000	230.000	-90.000	0.119
				-	
0.003	183.528	133.000	207.041	116.565	0.133
0.003	203.875	171.000	229.000	0	0.139
0.005	176.231	76.000	223.000	-90.000	0.144
				-	
0.004	143.797	120.000	152.562	113.199	0.151
0.004	162.771	70.000	200.281	-39.806	0.155
				-	
0.004	169.160	130.000	228.750	119.745	0.16
0.004	178.178	119.000	222.333	40.601	0.183
0.004	178.336	163.000	195.000	32.005	0.187
0.004	183.591	150.000	228.000	32.005	0.187
0.004	180.477	126.000	220.600	29.055	0.204
0.005	167.916	136.066	206.000	56.310	0.215
0.005	206.742	177.000	249.727	-95.194	0.219
0.005	159.957	143.750	190.472	19.983	0.232
0.006	179.794	118.000	230.568	28.610	0.249
0.006	175.510	128.000	226.669	-38.660	0.254
0.006	198.214	156.000	255.000	0	0.258
0.006	213.022	164.077	255.000	4.399	0.259
0.006	187.302	157.000	235.000	-12.995	0.265
0.006	155.333	84.000	225.000	0	0.278
0.006	172.652	150.286	221.000	4.086	0.278
0.007	195.023	157.203	242.469	-21.801	0.321
0.007	194.258	127.000	251.672	-47.490	0.323
0.007	198.906	154.668	248.000	-25.017	0.328
0.007	149.111	69.000	186.000	0	0.337
0.007	138.965	30.167	199.333	-80.538	0.362
0.008	180.233	133.000	209.000	-18.435	0.376
0.005	153.000	111.000	186.000	-90.000	0.388
0.008	204.594	178.850	253.500	-14.744	0.39

Tabel A. 6 Data Hasil Pengujian Sampel B3

Area	Mean	Min	Max	Angle	Length
0.003	113.016	104.889	126.000	-45.000	0.111
0.003	111.143	85.000	131.000	-90.000	0.118
0.003	116.000	96.000	135.000	0	0.138
0.003	144.556	103.000	173.000	-90.000	0.14
0.003	195.778	168.000	252.000	-90.000	0.151
0.003	117.444	77.000	139.000	-90.000	0.157
0.004	117.649	107.111	137.556	-54.462	0.169
0.003	141.056	113.000	159.750	14.036	0.18
-	-	-	-	-	-
0.003	146.861	115.000	178.500	104.036	0.197
0.004	130.636	101.000	170.000	0	0.197
0.004	159.095	123.680	185.880	-36.870	0.22
0.005	126.886	55.000	183.826	45.000	0.223
0.005	162.244	135.667	201.667	-30.964	0.23
0.004	138.640	119.960	165.080	53.130	0.232
-	-	-	-	-	-
0.005	100.932	54.746	122.929	108.435	0.249
-	-	-	-	-	-
0.005	130.534	67.000	149.142	108.435	0.249
0.004	143.909	94.000	204.000	0	0.254
0.005	147.076	112.343	173.290	26.565	0.264
0.005	177.314	157.000	206.000	-30.964	0.267
0.005	128.327	86.000	146.500	-59.036	0.28
-	-	-	-	-	-
0.006	157.796	127.391	190.778	105.945	0.287
0.007	173.858	141.500	206.844	39.806	0.307
0.007	140.254	105.000	189.250	39.806	0.307
0.004	158.149	118.000	195.000	-36.870	0.321
-	-	-	-	-	-
0.007	172.088	139.266	201.844	110.556	0.336
-	-	-	-	-	-
0.004	116.038	95.000	141.000	122.005	0.34
0.004	107.104	69.000	140.593	26.565	0.354
-	-	-	-	-	-
0.007	139.497	102.444	169.222	102.529	0.363
0.008	158.414	112.000	184.520	-23.962	0.388
0.008	165.067	89.000	205.760	-53.130	0.394

Tabel A. 7 Data Hasil Pengujian Sampel CB

Area	Mean	Min	Max	Angle	Length
0.002	156.320	147.000	171.600	-53.130	0.1
0.003	182.921	145.000	200.000	-45.000	0.113
0.003	133.405	83.000	160.417	30.964	0.117
0.003	169.857	133.000	220.000	-90.000	0.12
0.003	219.804	186.000	245.286	8.130	0.141
0.003	182.638	128.000	219.000	-33.690	0.144
-					
0.005	189.341	139.364	255.000	105.255	0.158
0.005	173.092	129.000	207.000	26.565	0.165
0.004	184.209	153.800	221.400	-95.711	0.17
0.004	225.267	206.000	242.185	40.601	0.184
0.005	186.154	152.000	230.000	-90.000	0.198
0.005	212.300	195.273	236.000	45.000	0.226
0.005	190.154	149.000	250.000	-90.000	0.228
0.005	189.154	92.000	244.000	-90.000	0.236
0.005	180.308	143.000	233.000	-90.000	0.24
0.005	142.846	109.000	170.000	-94.764	0.241
0.005	191.823	158.000	223.000	24.444	0.242
0.006	127.154	117.923	140.000	-4.399	0.261
0.006	187.667	144.000	244.000	-90.000	0.28
-					
0.006	144.750	125.000	169.143	114.775	0.286
-					
0.006	193.871	157.431	230.560	105.945	0.291
-					
0.006	152.146	119.111	186.333	109.654	0.297
0.006	143.875	57.000	202.000	-90.000	0.3
0.006	198.312	175.000	227.200	-11.310	0.306
0.004	182.611	148.000	216.188	29.745	0.308
0.004	239.800	220.000	255.000	-26.565	0.329
0.004	144.111	117.000	168.000	6.340	0.364
0.004	166.700	138.000	199.000	-90.000	0.371
0.008	138.421	92.947	172.842	-98.973	0.385
-					
0.008	133.834	55.000	171.000	101.889	0.388

Lampiran B Data Hasil Pengujian Sensor Gas

Tabel B. 1 Data Hasil Pengujian Sensor Gas

0	10.206.312.467.252.200
0	10.198.284.111.573.400
0	10.188.796.054.862.000
0	10.177.848.297.118.200
0	101.690.900.909.231
0	10.160.331.884.728.000
0	10.149.870.693.994.900
1	10.142.815.472.337.800
3.372.793.492.296.840	9.999.005.726.614.270
29.111.657.763.351.300	9.987.357.312.374.780
29.111.657.763.351.300	9.978.599.106.179.680
24.495.380.603.734.100	9.968.381.198.952.070
30.650.416.816.557	995.757.941.131.145
4.193.464.987.339.880	10.023.363.271.176.800
4.065.235.066.239.410	1.001.217.222.992.750
4.962.844.513.942.740	10.047.448.338.213.300
4.449.924.829.540.840	10.036.987.147.480.300
5.988.683.882.746.550	1.009.719.981.507.160
5.603.994.119.445.120	1.008.442.743.103.710
5.603.994.119.445.120	1.007.566.922.484.200
5.603.994.119.445.120	10.066.911.018.646.900
5.603.994.119.445.120	1.005.851.773.770.990
6.501.603.567.148.450	10.150.357.261.005.800
63.733.736.460.479.800	1.013.989.607.027.270
63.733.736.460.479.800	10.131.137.864.077.600
63.733.736.460.479.800	1.012.237.965.788.250
63.733.736.460.479.800	10.113.621.451.687.400
5.988.683.882.746.550	10.108.512.498.073.600
7.270.983.093.751.310	10.181.010.982.688.600
7.142.753.172.650.840	10.169.819.941.439.300
7.142.753.172.650.840	10.162.156.511.018.600
8.040.362.620.354.170	10.204.366.199.208.900
7.912.132.699.253.690	10.194.634.858.992.100
10.055.404.237.647.300	10.228.520.775.818.400
8.296.822.462.555.120	10.217.990.075.512.400
14.836.548.438.679.400	10.230.640.817.794.200
1.714.468.701.848.790	1.021.616.544.922.170
19.068.135.834.995.100	10.201.446.797.143.800

19.196.365.756.095.600	10.191.958.740.432.500
20.350.435.045.999.800	10.182.957.250.732.000
19.709.285.440.497.500	10.172.739.343.504.300
20.606.894.888.200.800	10.161.791.585.760.500
2.176.096.417.810.510	10.151.573.678.532.900
2.214.565.394.140.650	10.197.554.261.057.100
22.915.033.468.009.400	10.188.796.054.862.000
2.483.848.228.451.650	10.177.848.297.118.200
25.223.172.047.817.900	10.167.995.315.148.700
25.308.658.661.884.900	10.145.329.401.893.800
250.692.961.424.974	10.133.181.445.523.100
2.445.379.252.121.510	10.124.204.284.173.200
23.684.412.994.612.200	10.115.811.003.236.200
23.684.412.994.612.200	10.107.052.797.041.100
23.684.412.994.612.200	10.098.294.590.846.000
23.684.412.994.612.200	10.089.536.384.650.900
23.684.412.994.612.200	10.080.778.178.455.800
23.492.068.112.961.500	10.072.019.972.260.700
23.684.412.994.612.200	10.061.802.065.033.100
26.249.011.416.621.700	10.159.358.750.706.300
2.791.600.039.092.790	10.209.231.869.317.300
2.791.600.039.092.790	10.200.473.663.122.200
27.531.310.627.626.500	10.191.715.456.927.100
27.531.310.627.626.500	10.182.957.250.732.000
27.531.310.627.626.500	10.174.199.044.536.900
27.531.310.627.626.500	10.147.924.425.951.600
27.531.310.627.626.500	10.135.881.892.433.300
30.059.271.929.321.600	10.228.625.040.177.800
28.300.690.154.229.400	10.217.990.075.512.400
3.484.041.613.035.360	10.231.127.384.805.000
3.830.262.400.006.650	10.227.721.415.729.100
3.855.908.384.226.740	1.021.628.709.097.440
3.945.669.328.997.080	10.204.122.915.703.400
3.932.846.336.887.030	10.193.905.008.475.800
41.251.912.185.377.400	10.182.957.250.732.000
4.138.014.210.647.790	10.172.009.492.988.100
4.107.239.029.583.680	10.163.397.256.896.200
45.611.729.502.793.600	10.149.749.052.242.200
4.522.703.973.949.220	1.013.965.278.676.730
44.842.349.976.190.800	10.131.867.714.593.900
44.842.349.976.190.800	10.123.474.433.656.900

4.420.120.037.068.840	10.115.811.003.236.200
4.420.120.037.068.840	10.107.052.797.041.100
444.576.602.128.894	10.096.834.889.813.500
444.576.602.128.894	10.088.076.683.618.400
444.576.602.128.894	10.079.318.477.423.300
444.576.602.128.894	10.070.560.271.228.200
44.842.349.976.190.800	10.060.342.364.000.600
4.426.531.533.123.860	10.051.219.232.547.300
44.842.349.976.190.800	1.004.209.610.109.410
4.784.293.012.994.190	10.207.188.287.871.700
47.150.488.555.999.300	10.193.905.008.475.800
47.150.488.555.999.300	10.185.146.802.280.700
47.150.488.555.999.300	10.177.483.371.860.000
4.676.579.879.269.790	10.171.279.642.471.800
4.676.579.879.269.790	10.162.521.436.276.700
5.083.251.914.759.870	10.228.312.247.099.400
4.907.393.737.250.650	10.215.070.673.447.300
55.613.663.348.630.800	10.231.127.384.805.000
5.907.587.121.834.360	10.227.721.415.729.100
59.332.331.060.544.600	1.021.604.380.746.900
6.035.817.042.934.840	10.204.366.199.208.900
6.010.171.058.714.740	10.192.931.874.454.200
6.099.932.003.485.080	10.181.497.549.699.400
621.533.893.247.551	10.169.819.941.439.300
621.533.893.247.551	10.161.244.197.873.300
62.307.265.230.075.600	10.150.989.798.119.800
6.330.745.861.465.930	10.140.625.920.789.000
6.317.922.869.355.890	10.129.678.163.045.100
6.407.683.814.126.220	10.119.460.255.817.500
6.407.683.814.126.220	10.110.702.049.622.400
6.407.683.814.126.220	10.101.943.843.427.300
6.523.090.743.116.650	10.093.915.487.748.400
6.523.090.743.116.650	10.085.157.281.553.300
6.523.090.743.116.650	10.076.399.075.358.200
6.523.090.743.116.650	10.067.640.869.163.100
6.523.090.743.116.650	100.588.826.629.681
6.523.090.743.116.650	10.050.124.456.773.000
6.523.090.743.116.650	10.040.271.474.803.500
6.538.478.333.648.700	10.031.732.223.763.200
6.538.478.333.648.700	10.022.974.017.568.100
6.510.267.751.006.600	10.013.631.930.960.000

6.548.736.727.336.740	10.000.170.243.660.200
6.484.621.766.786.500	9.987.357.312.374.780
6.753.904.601.097.510	10.009.009.544.357.100
6.882.134.522.197.980	10.160.088.601.222.500
6.869.311.530.087.930	10.148.654.276.467.800
6.869.311.530.087.930	1.013.989.607.027.270
6.882.134.522.197.980	10.128.948.312.528.800
6.830.842.553.757.790	10.123.109.508.398.800
6.830.842.553.757.790	10.114.351.302.203.700
6.830.842.553.757.790	1.010.559.309.600.860
6.830.842.553.757.790	10.096.834.889.813.500
6.830.842.553.757.790	10.088.076.683.618.400
6.830.842.553.757.790	10.079.318.477.423.300
6.830.842.553.757.790	10.070.560.271.228.200
6.830.842.553.757.790	10.061.802.065.033.100
6.830.842.553.757.790	10.053.043.858.838.000
6.830.842.553.757.790	10.044.285.652.642.900
6.830.842.553.757.790	10.035.527.446.447.800
6.830.842.553.757.790	10.026.769.240.252.700
6.830.842.553.757.790	10.018.011.034.057.600
6.959.072.474.858.270	10.172.496.059.998.900
7.160.576.636.587.590	10.228.416.511.458.900
7.023.187.435.408.510	10.214.340.822.931.100
7.023.187.435.408.510	10.205.582.616.736.000
7.023.187.435.408.510	10.197.919.186.315.300
6.984.718.459.078.360	10.191.715.456.927.100
6.984.718.459.078.360	10.182.957.250.732.000
7.638.691.056.690.790	10.231.127.384.805.000
8.100.318.772.652.500	10.231.127.384.805.000
8.561.946.488.614.220	10.231.127.384.805.000
9.023.574.204.575.930	10.231.127.384.805.000
9.446.732.944.207.500	10.230.105.594.082.200
9.677.546.802.188.360	1.022.090.947.757.740
9.677.546.802.188.360	10.212.151.271.382.300
9.677.546.802.188.360	1.020.339.306.518.720
9.716.015.778.518.500	10.191.715.456.927.100
9.716.015.778.518.500	10.182.957.250.732.000
9.716.015.778.518.500	10.174.199.044.536.900
9.716.015.778.518.500	10.165.440.838.341.800
9.716.015.778.518.500	10.157.412.482.662.900
9.728.838.770.628.550	10.128.461.745.518.000

9.716.015.778.518.500	10.118.000.554.785.000
9.716.015.778.518.500	10.109.242.348.589.900
9.716.015.778.518.500	10.101.943.843.427.300
9.805.776.723.288.840	10.075.425.941.336.600
9.792.953.731.178.790	10.064.721.467.098.100
9.831.422.707.508.930	10.088.076.683.618.400
10.016.073.793.893.600	10.054.211.619.664.000
9.985.298.612.829.500	10.042.339.384.599.500
9.985.298.612.829.500	10.032.243.119.124.600
1.013.917.451.815.000	10.023.241.629.424.100
10.062.236.565.489.700	100.125.371.551.857
1.003.146.138.442.560	10.002.976.113.422.700
1.013.917.451.815.000	999.301.365.387.579
10.062.236.565.489.700	9.982.978.209.277.230
10.267.404.439.250.500	10.068.614.003.184.800
1.034.434.239.191.080	10.089.049.817.640.100
10.331.519.399.800.700	1.008.004.832.793.950
10.293.050.423.470.600	10.055.963.260.903.000
10.293.050.423.470.600	10.047.205.054.707.900
10.293.050.423.470.600	10.038.446.848.512.800
10.421.280.344.571.100	10.186.849.786.818.700
10.408.457.352.461.000	10.176.388.596.085.600
10.408.457.352.461.000	10.167.630.389.890.500
10.408.457.352.461.000	10.158.872.183.695.400
10.408.457.352.461.000	10.150.113.977.500.300
10.408.457.352.461.000	10.141.355.771.305.200
10.408.457.352.461.000	10.132.597.565.110.100
10.408.457.352.461.000	10.123.839.358.915.000
10.408.457.352.461.000	10.116.905.779.010.600
10.369.988.376.130.900	1.010.997.219.910.610
10.369.988.376.130.900	10.101.213.992.911.000
10.485.395.305.121.300	10.217.260.224.996.100
10.446.926.328.791.200	1.020.777.216.828.470
10.446.926.328.791.200	1.019.901.396.208.960
10.716.209.163.102.200	10.229.910.967.277.900
11.177.836.879.063.900	10.231.127.384.805.000
11.639.464.595.025.600	10.231.127.384.805.000
12.101.092.310.987.300	10.231.127.384.805.000
12.562.720.026.949.000	10.231.127.384.805.000
1.302.434.774.291.070	10.231.127.384.805.000
13.485.975.458.872.500	10.231.127.384.805.000

1.394.760.317.483.420	10.231.127.384.805.000
14.409.230.890.795.900	10.231.127.384.805.000
14.793.920.654.097.300	10.229.485.221.143.400
14.986.265.535.748.000	102.204.229.105.666
15.101.672.464.738.500	10.206.859.855.139.400
15.178.610.417.398.700	10.192.445.307.443.300
15.178.610.417.398.700	10.183.687.101.248.200
15.178.610.417.398.700	10.174.928.895.053.100
15.178.610.417.398.700	10.166.170.688.858.000
15.178.610.417.398.700	10.157.412.482.662.900
15.178.610.417.398.700	10.148.654.276.467.800
15.178.610.417.398.700	1.013.989.607.027.270
15.178.610.417.398.700	10.131.137.864.077.600
15.178.610.417.398.700	1.012.237.965.788.250
15.178.610.417.398.700	10.114.351.302.203.700
15.165.787.425.288.700	10.103.160.260.954.400
1.523.246.698.426.090	1.008.004.832.793.950
15.255.548.370.059.000	1.009.318.563.723.220
15.255.548.370.059.000	10.066.911.018.646.900
15.255.548.370.059.000	10.058.152.812.451.800
15.255.548.370.059.000	10.049.394.606.256.700
15.332.486.322.719.300	10.038.081.923.254.700
15.332.486.322.719.300	1.002.932.371.705.960
15.370.955.299.049.500	10.021.514.316.535.600
1.534.530.931.482.940	10.014.118.497.970.900
1.540.942.427.537.960	10.002.866.635.845.200
15.755.645.062.350.900	10.005.846.858.786.600
15.794.114.038.681.000	9.996.845.369.086.140
16.001.846.510.863.800	9.983.562.089.690.240
16.063.396.872.992.000	9.974.657.913.391.890
16.124.947.235.120.300	9.961.958.514.409
16.178.803.801.982.500	9.953.054.338.110.640
1.626.856.474.675.280	9.996.115.518.569.880
1.637.114.868.363.320	10.027.864.016.027.100
16.332.679.707.303.000	10.015.091.631.992.600
16.332.679.707.303.000	10.008.158.052.088.100
1.642.244.065.207.340	10.054.990.126.881.300
16.409.617.659.963.300	10.044.285.652.642.900
1.637.114.868.363.320	10.038.446.848.512.800
16.601.962.541.614.000	10.070.706.241.331.400
1.680.713.041.537.480	10.089.049.817.640.100

16.794.307.423.264.700	10.079.318.477.423.300
16.884.068.368.035.100	10.111.431.900.138.600
16.871.245.375.925.000	10.100.849.067.652.900
16.961.006.320.695.400	10.134.300.549.648.100
1.694.818.332.858.530	10.124.569.209.431.300
17.102.059.233.905.900	10.159.419.571.582.600
1.702.512.128.124.560	10.148.289.351.209.700
17.178.997.186.566.200	101.690.900.909.231
17.268.758.131.336.500	10.189.282.621.872.900
17.255.935.139.226.500	10.178.578.147.634.400
1.734.569.608.399.680	1.020.387.963.219.800
17.422.634.036.657.100	1.021.580.052.396.360
17.640.624.902.527.900	10.229.910.967.277.900
18.102.252.618.489.600	10.231.127.384.805.000
1.856.388.033.445.130	10.231.127.384.805.000
19.025.508.050.413.000	10.231.127.384.805.000
19.294.790.884.724.000	10.228.207.982.740.000
1.933.325.986.105.420	10.219.449.776.544.900
19.320.436.868.944.100	10.208.258.735.295.600
19.371.728.837.384.300	10.201.933.364.154.700
19.371.728.837.384.300	10.193.175.157.959.600
19.371.728.837.384.300	10.184.416.951.764.500
19.371.728.837.384.300	10.175.658.745.569.400
19.371.728.837.384.300	10.166.900.539.374.300
19.410.197.813.714.500	10.158.142.333.179.200
19.410.197.813.714.500	10.149.384.126.984.100
19.410.197.813.714.500	10.140.625.920.789.000
19.410.197.813.714.500	10.131.867.714.593.900
19.410.197.813.714.500	10.123.109.508.398.800
19.410.197.813.714.500	10.114.351.302.203.700
19.410.197.813.714.500	1.010.559.309.600.860
19.410.197.813.714.500	10.096.834.889.813.500
19.410.197.813.714.500	10.088.076.683.618.400
19.410.197.813.714.500	10.079.318.477.423.300
19.410.197.813.714.500	10.070.560.271.228.200
19.410.197.813.714.500	10.061.802.065.033.100
19.410.197.813.714.500	10.053.043.858.838.000
1.948.713.576.637.470	1.004.173.117.583.600
19.717.949.624.355.600	10.035.527.446.447.800
1.964.101.167.169.530	10.025.309.539.220.200
1.964.101.167.169.530	10.017.463.646.170.400

1.960.254.269.536.520	10.007.428.201.571.800
1.960.254.269.536.520	9.998.669.995.376.790
1.960.254.269.536.520	998.925.492.371.706
19.564.073.719.035.000	9.981.883.433.502.850
1.948.713.576.637.470	9.971.665.526.275.230
19.925.682.096.538.400	1.007.829.668.670.050
19.871.825.529.676.200	10.065.451.317.614.400
19.871.825.529.676.200	10.056.693.111.419.300
19.871.825.529.676.200	10.049.029.680.998.600
19.961.586.474.446.500	10.114.837.869.214.500
19.948.763.482.336.500	10.104.133.394.976.100
19.948.763.482.336.500	10.095.375.188.781.000
1.991.029.450.600.630	10.089.536.384.650.900
2.003.852.442.710.680	10.195.607.993.013.800
2.002.570.143.499.670	10.185.146.802.280.700
2.002.570.143.499.670	10.176.388.596.085.600
2.002.570.143.499.670	10.167.630.389.890.500
2.002.570.143.499.670	10.158.872.183.695.400
2.002.570.143.499.670	10.150.113.977.500.300
2.002.570.143.499.670	10.142.815.472.337.800
19.987.232.458.666.600	10.136.246.817.691.400
19.987.232.458.666.600	10.127.488.611.496.300
20.115.462.379.767.100	1.021.580.052.396.360
20.064.170.411.326.900	1.020.777.216.828.470
20.333.453.245.637.900	10.229.910.967.277.900
20.795.080.961.599.600	10.231.127.384.805.000
2.114.130.174.857.090	10.228.207.982.740.000
21.179.770.724.901.000	10.217.990.075.512.400
2.125.670.867.756.130	10.204.852.766.219.700
21.243.885.685.451.300	10.195.121.426.002.900
2.126.953.166.967.140	10.161.791.585.760.500
21.295.177.653.891.500	10.184.416.951.764.500
21.295.177.653.891.500	10.175.658.745.569.400
21.295.177.653.891.500	10.149.384.126.984.100
21.295.177.653.891.500	10.140.625.920.789.000
21.295.177.653.891.500	10.131.867.714.593.900
21.333.646.630.221.600	1.012.237.965.788.250
21.449.053.559.212.000	10.113.864.735.192.800
21.449.053.559.212.000	10.105.106.528.997.700
21.449.053.559.212.000	10.096.348.322.802.600
21.449.053.559.212.000	10.087.590.116.607.500

21.449.053.559.212.000	10.078.831.910.412.400
21.449.053.559.212.000	10.070.073.704.217.300
21.487.522.535.542.200	10.059.612.513.484.300
21.487.522.535.542.200	10.050.854.307.289.200
21.487.522.535.542.200	1.004.209.610.109.410
2.152.599.151.187.230	10.032.316.104.176.200
2.142.340.757.499.190	10.023.849.838.187.700
2.142.340.757.499.190	10.015.091.631.992.600
21.449.053.559.212.000	10.005.238.650.023.100
21.418.278.378.147.900	9.995.823.578.363.380
21.487.522.535.542.200	9.986.992.387.116.650
2.152.599.151.187.230	9.977.382.688.652.590
2.152.599.151.187.230	996.984.089.998.459
21.808.097.338.293.400	10.176.145.312.580.200
2.179.527.434.618.330	10.164.710.987.825.500
2.179.527.434.618.330	10.155.952.781.630.400
2.179.527.434.618.330	10.147.194.575.435.300
2.179.527.434.618.330	10.138.436.369.240.200
2.179.527.434.618.330	10.129.678.163.045.100
2.179.527.434.618.330	10.121.649.807.366.300
21.756.805.369.853.200	10.112.891.601.171.200
21.756.805.369.853.200	10.104.133.394.976.100
21.756.805.369.853.200	10.095.375.188.781.000
21.756.805.369.853.200	10.086.616.982.585.900
21.756.805.369.853.200	10.075.304.299.583.900
21.885.035.290.953.600	10.209.718.436.328.100
21.872.212.298.843.600	10.198.284.111.573.400
21.872.212.298.843.600	10.189.525.905.378.300
2.208.653.945.268.300	10.228.207.982.740.000
22.564.653.872.786.200	10.230.640.817.794.200
2.275.699.875.443.690	10.219.449.776.544.900
22.795.467.730.767.000	10.209.961.719.833.500
22.795.467.730.767.000	10.201.203.513.638.400
22.795.467.730.767.000	10.192.445.307.443.300
22.795.467.730.767.000	10.183.687.101.248.200
22.795.467.730.767.000	10.174.928.895.053.100
22.782.644.738.657.000	10.163.981.137.309.200
22.833.936.707.097.200	1.015.668.263.214.670
22.833.936.707.097.200	10.147.924.425.951.600
22.833.936.707.097.200	10.139.166.219.756.500
22.872.405.683.427.300	10.128.218.462.012.600

22.872.405.683.427.300	10.119.460.255.817.500
2.298.781.261.241.770	10.110.458.766.117.000
2.298.781.261.241.770	10.101.700.559.921.900
2.298.781.261.241.770	1.009.294.235.372.680
2.298.781.261.241.770	10.084.184.147.531.700
23.026.281.588.747.900	1.007.566.922.484.200
23.026.281.588.747.900	10.067.275.943.905.000
22.962.166.628.197.600	10.058.396.095.957.200
22.930.109.147.922.500	10.048.847.218.369.500
2.304.936.297.454.600	10.037.571.027.893.300
23.026.281.588.747.900	10.027.864.016.027.100
23.026.281.588.747.900	10.019.105.809.832.000
23.026.281.588.747.900	10.010.347.603.636.900
23.026.281.588.747.900	10.001.589.397.441.800
23.026.281.588.747.900	9.992.831.191.246.720
23.064.750.565.078.000	9.984.437.910.309.750
23.026.281.588.747.900	9.976.774.479.889.040
23.064.750.565.078.000	996.984.089.998.459
2.333.403.339.938.900	10.145.005.023.886.500
2.333.403.339.938.900	10.136.246.817.691.400
2.333.403.339.938.900	10.127.488.611.496.300
2.333.403.339.938.900	10.118.730.405.301.200
2.329.556.442.305.890	1.010.997.219.910.610
2.329.556.442.305.890	10.101.213.992.911.000
2.329.556.442.305.890	10.089.901.309.909.000
2.341.097.135.204.930	10.171.279.642.471.800
23.423.794.344.159.400	10.160.088.601.222.500
2.337.250.237.571.920	10.153.763.230.081.600
23.500.732.296.819.600	10.196.581.127.035.400
23.487.909.304.709.600	10.187.336.353.829.500
23.449.440.328.379.500	10.180.037.848.666.900
23.702.236.458.549.000	10.228.416.511.458.900
2.356.484.725.736.990	1.021.580.052.396.360
23.526.378.281.039.700	10.209.231.869.317.300
24.180.350.878.652.200	10.231.127.384.805.000
2.448.810.268.929.330	10.227.478.132.223.700
2.448.810.268.929.330	10.218.719.926.028.600
2.448.810.268.929.330	10.209.961.719.833.500
2.448.810.268.929.330	10.201.203.513.638.400
2.448.810.268.929.330	10.192.445.307.443.300
2.448.810.268.929.330	10.183.687.101.248.200

2.448.810.268.929.330

10.174.928.895.053.100

