

Appendix A – tables

MUTSTEP		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
MUTRATE	0.1	-777.435	-774.454	-776.86	-776.203	-779.606	-777.162	-773.66	-775.827	-768.195	-766.964
	0.2	-774.521	-766.639	-776.915	-777.821	-774.071	-766.048	-770.798	-766.49	-759.602	-754.606
	0.3	-777.219	-775.991	-773.943	-774.084	-772.362	-766.321	-760.201	-754.204	-748.878	-740.024
	0.4	-772.836	-769.957	-774.27	-772.201	-765.074	-761.288	-753.072	-747.93	-734.61	-715.217
	0.5	-775.539	-770.824	-776.44	-765.41	-761.542	-755.08	-748.188	-731.947	-720.74	-702.912
	0.6	-773.892	-777.121	-774.899	-766.241	-761.704	-748.523	-737.525	-722.203	-711.299	-689.218
	0.7	-775.216	-772.465	-768.029	-765.721	-752.319	-746.391	-729.794	-710.001	-689.723	-666.968
	0.8	-773.569	-770.042	-768.97	-762.715	-753.016	-736.756	-731.19	-705.461	-675.153	-662.863
	0.9	-774.817	-770.888	-766.281	-752.778	-752.465	-730.675	-712.713	-689.096	-669.259	-641.739
	1	-777.442	-773.25	-769.413	-751.314	-745.708	-722.628	-701.637	-675.409	-650.906	-630.393

Table 1

MUTSTEP		0.45	0.5	0.55
MUTRATE	0.05	-781.376	-777.173	-782.658
	0.1	-777.487	-777.225	-776.582
	0.15	-775.605	-776.583	-778.904

Table 2

MUT STEP:	0.1					
MUT RATE:	0.1					
E	G	Best	Average	G	Best	Average
0	0	258324.5292	1160686.41	299	0.6666	1.0557
1	0	348623.8797	1204723.96	299	0.5758	0.8192
2	0	314013.6058	1217822.41	299	51.8199	55.7443
3	0	161674.6889	1261154.305	299	4.7814	5.5991
4	0	262382.0066	1269438.66	299	0.5948	0.925
5	0	403165.5267	1250517.287	299	1.8355	2.6719
6	0	156543.2613	1180719.857	299	2.0888	2.6555
7	0	446003.7608	1219724.2	299	0.6657	1.0123
8	0	207968.0596	1221791.208	299	0.7743	1.1221
9	0	246644.7372	1236012.784	299	2.2634	2.8363
average:		280534.4056			6.606608896	

Table 3

MUTSTEP		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
MUTRATE	0.1	6.606609	0.924217	0.810419	0.981576	1.173529	1.634457	2.145227	2.745789	2.85177	8.807327
	0.2	1.307581	0.902373	1.249234	1.971623	2.505404	3.632205	4.964325	7.464231	17.27499	12.03558
	0.3	2.289492	1.131012	1.911353	2.938662	4.501002	6.995346	10.13031	12.71785	26.22384	18.33906
	0.4	1.216343	1.27227	2.208785	4.304508	6.219985	9.871746	15.12123	22.54622	44.07597	37.72257
	0.5	1.02461	1.601403	3.022872	5.730425	8.963255	14.30938	18.59688	27.43384	52.33843	57.41285
	0.6	0.951764	1.856636	3.603096	6.837282	12.23888	15.40176	27.83881	39.50483	84.51902	87.74799
	0.7	1.337566	2.024235	4.253184	6.722655	14.78215	22.3489	35.77728	41.27454	105.2035	100.6234
	0.8	1.142587	2.420034	4.737566	9.649305	14.04588	28.01809	45.99275	73.04641	131.5547	152.6047
	0.9	1.014667	2.620967	5.770095	11.15099	19.864	31.89869	57.27356	82.4631	174.6096	174.0214
	1	1.146436	3.076168	6.587467	13.48784	20.29599	38.52203	58.18017	120.7892	4.557758	188.2265

Table 4

MUTSTEP		0.02	0.04	0.06	0.08	0.1
MUTRATE	0.52	383.6217	3.588447	2.21575	0.836179	1.021438
	0.54	170.1304	13.49722	0.817416	0.824575	1.214378
	0.56	534.354	9.049731	2.992	1.96428	0.913681
	0.58	205.9871	12.30107	3.619382	1.176273	0.863863
	0.6	99.8302	12.44265	2.686659	1.23477	1.070376

Table 5

MUTSTEP		0.2	0.25	0.3	0.35	0.4
MUTRATE	0.05	1.189012	1.43032	1.037423	0.599137	0.597267
	0.1	0.771445	0.844484	0.846076	0.907463	0.976951
	0.15	0.809558	0.903189	1.039386	1.234392	1.269409
	0.2	0.97192	1.080596	1.368667	1.505049	1.692245

Table 6