

			Only one hidden layer					
			N = 5		N = 10		N = 20	
			Training	Test	Training	Test	Training	Test
Training Examples: 10000								
No. of epochs: 2000		Bipartite	0.288	0.283	0.2698	0.312	0.2283	0.331
Batch size: Full batch		Connected	0.273	0.317	0.19066	0.221	0.1002	0.173
		Eulerian	0.416	0.492	0.3723	0.333	0.3223	0.481
		Hamiltonial	0.286	0.355	0.1805	0.239	0.1481	0.22
		Isolated	0.336	0.385	0.2461	0.31	0	0.002
		Planar	0.2791	0.294	0.2601	0.327	0.2297	0.334
		Triangles	0.329	0.41	0.2963	0.385	0.2216	0.339
	Two hidden layers							
	N1 = 5, N2 =5		N1 = 20, N2 = 5		N1 = 20, N2 =10		N1 = 20, N2 = 20	
	Training	Test	Training	Test	Training	Test	Training	Test
Bipartite	0.2917	0.309	0.2168	0.327	0.204	0.341	0.1954	0.34
Connected	0.2586	0.281	0.0304	0.09	0.0195	0.05	0.0608	0.125
Eulerian	0.4006	0.519	0.3007	0.495	0.288	0.497	0.2785	0.508
Hamiltonial	0.2	0.223	0.1205	0.169	0.111	0.181	0.175	0.278
Isolated	0.3267	0.344	0	0	0.0482	0.134	0	0
Planar	0.2798	0.287	0.2294	0.338	0.2165	0.32	0.2104	0.34
Triangles	0.371	0.393	0.2424	0.393	0.21422	0.369	0.2104	0.362