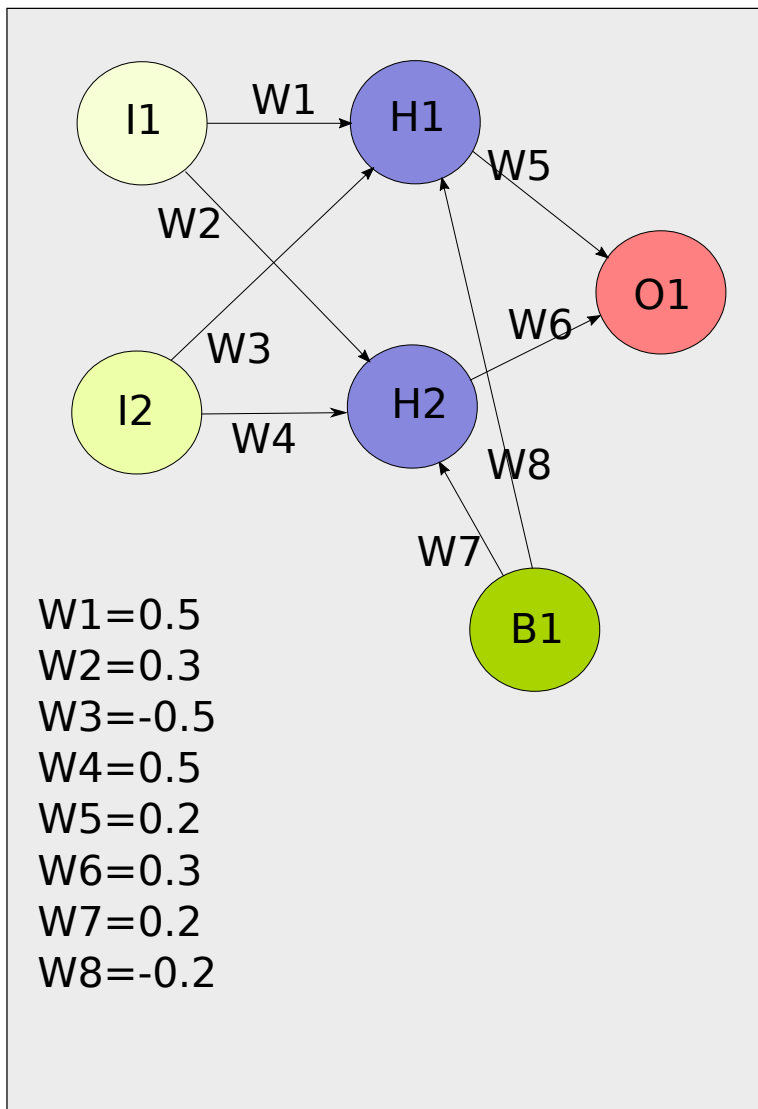


С нейроном смещения



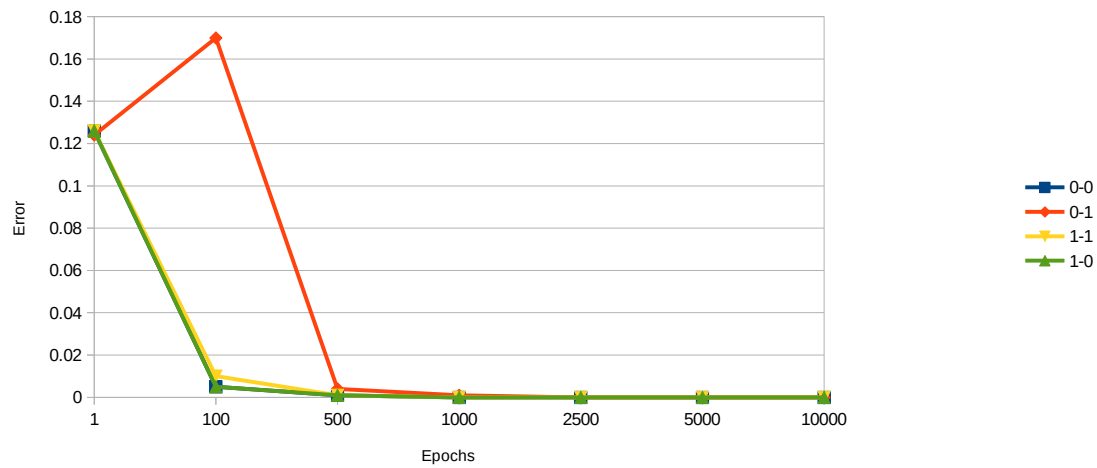
xor

epsilon 1.8  
alpha 0.8

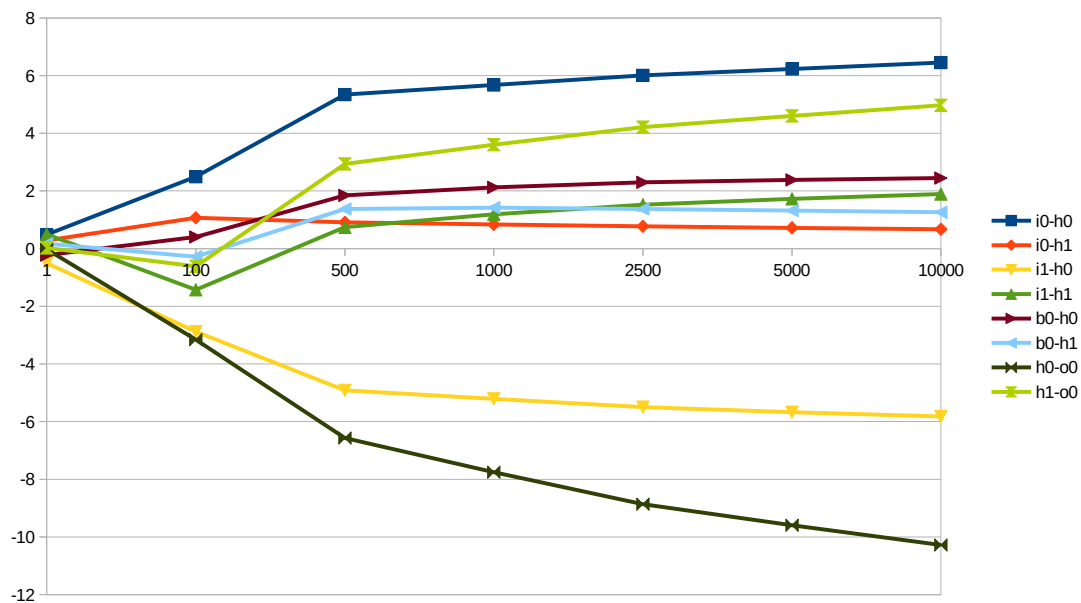
XOR

Epochs	1	100	500	1000	2500	5000	10000
0-0	0.126	0.005	0.001	0	0	0	0
0-1	0.124	0.17	0.004	0.001	0	0	0
1-1	0.126	0.01	0.001	0	0	0	0
1-0	0.126	0.005	0.001	0	0	0	0

XOR



Epochs	Weights							
	i0-h0	i0-h1	i1-h0	i1-h1	b0-h0	b0-h1	h0-o0	h1-o0
1	0.49	0.288	-0.505	0.496	-0.223	0.168	-0.02	0.026
100	2.496	1.069	-2.878	-1.431	0.403	-0.285	-3.155	-0.609
500	5.34	0.915	-4.913	0.742	1.848	1.371	-6.571	2.941
1000	5.677	0.841	-5.213	1.193	2.127	1.424	-7.75	3.607
2500	6.008	0.771	-5.498	1.527	2.296	1.378	-8.862	4.21
5000	6.232	0.722	-5.672	1.722	2.38	1.322	-9.591	4.604
10000	6.448	0.673	-5.825	1.893	2.444	1.259	-10.278	4.974



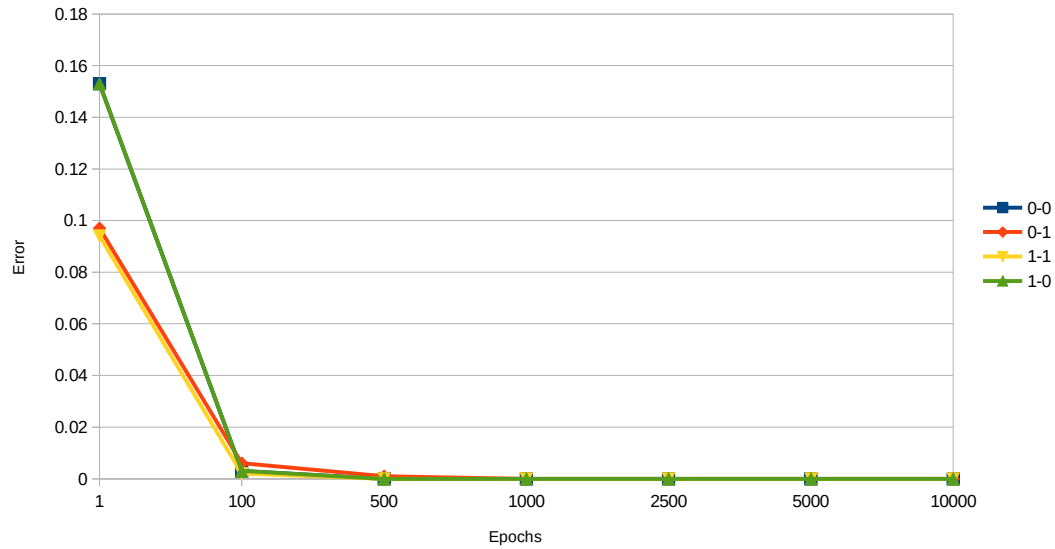
or

epsilon 1.8  
alpha 0.8

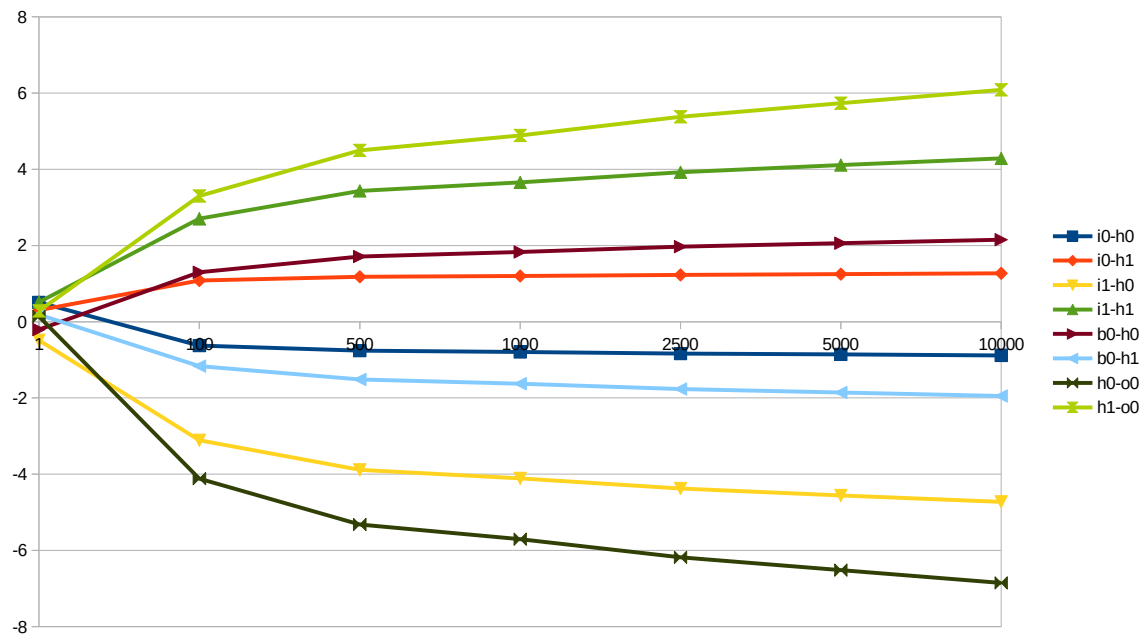
OR

Epochs	1	100	500	1000	2500	5000	10000
0-0	0.153	0.003	0	0	0	0	0
0-1	0.097	0.006	0.001	0	0	0	0
1-1	0.094	0.002	0	0	0	0	0
1-0	0.153	0.003	0	0	0	0	0

OR



Epochs	Weights							
	i0-h0	i0-h1	i1-h0	i1-h1	b0-h0	b0-h1	h0-o0	h1-o0
1	0.507	0.309	-0.487	0.517	-0.206	0.189	0.138	0.283
100	-0.623	1.081	-3.113	2.703	1.3	-1.162	-4.116	3.303
500	-0.761	1.179	-3.883	3.432	1.711	-1.515	-5.32	4.496
1000	-0.795	1.204	-4.111	3.658	1.831	-1.628	-5.707	4.892
2500	-0.833	1.232	-4.375	3.924	1.969	-1.764	-6.179	5.38
5000	-0.858	1.251	-4.556	4.11	2.064	-1.859	-6.519	5.734
10000	-0.881	1.269	-4.726	4.286	2.154	-1.951	-6.85	6.082

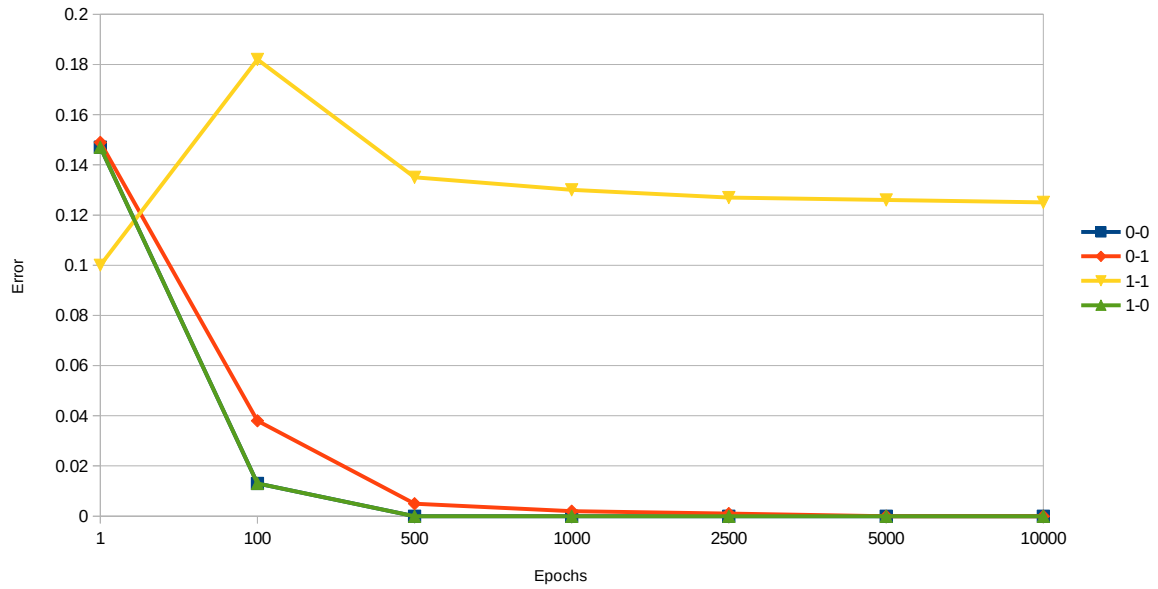


and

epsilon 0.8  
alpha 0.8

AND							
Epochs	1	100	500	1000	2500	5000	10000
0-0	0.147	0.013	0	0	0	0	0
0-1	0.149	0.038	0.005	0.002	0.001	0	0
1-1	0.1	0.182	0.135	0.13	0.127	0.126	0.125
1-0	0.147	0.013	0	0	0	0	0

AND



Weights								
Epochs	i0-h0	i0-h1	i1-h0	i1-h1	b0-h0	b0-h1	h0-o0	h1-o0
1	0.503	0.304	-0.5	0.499	-0.208	0.187	0.131	0.209
100	-1.033	-1.224	-1.375	-0.447	0.263	0.278	-1.79	-1.153
500	-3.747	-3.836	-1.537	-0.864	0.973	0.514	-3.096	-2.481
1000	-4.868	-4.84	-1.462	-0.87	1.139	0.598	-3.46	-2.843
2500	-6.226	-6.037	-1.377	-0.879	1.296	0.665	-3.89	-3.219
5000	-7.188	-6.877	-1.323	-0.888	1.388	0.698	-4.198	-3.458
10000	-8.111	-7.681	-1.274	-0.897	1.466	0.723	-4.499	-3.67

