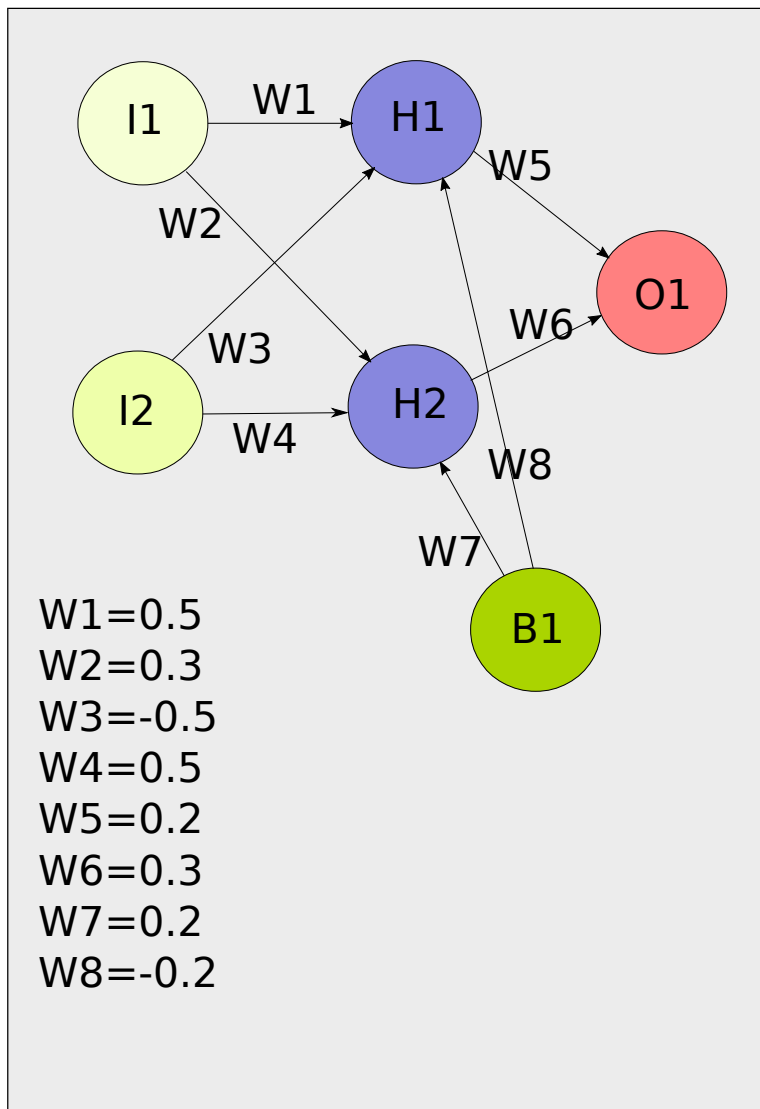


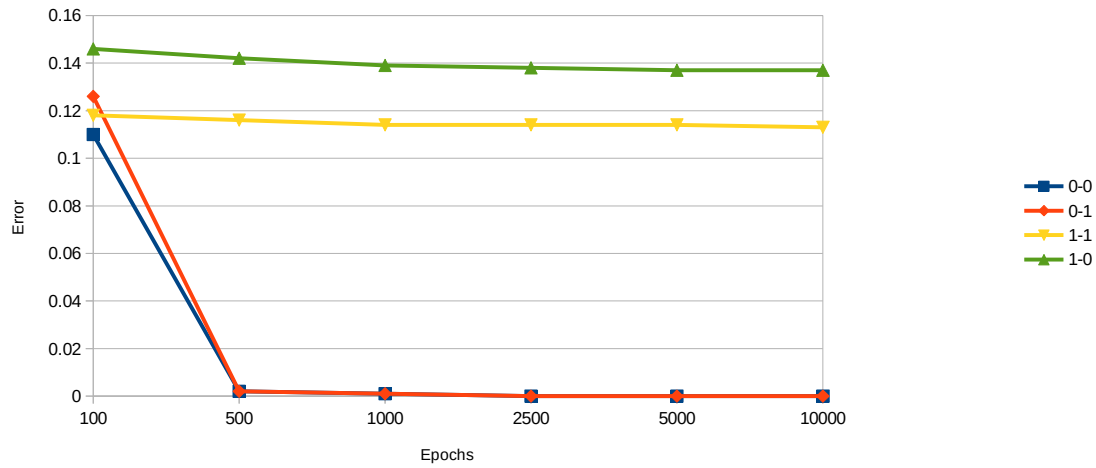
С нейроном смещения



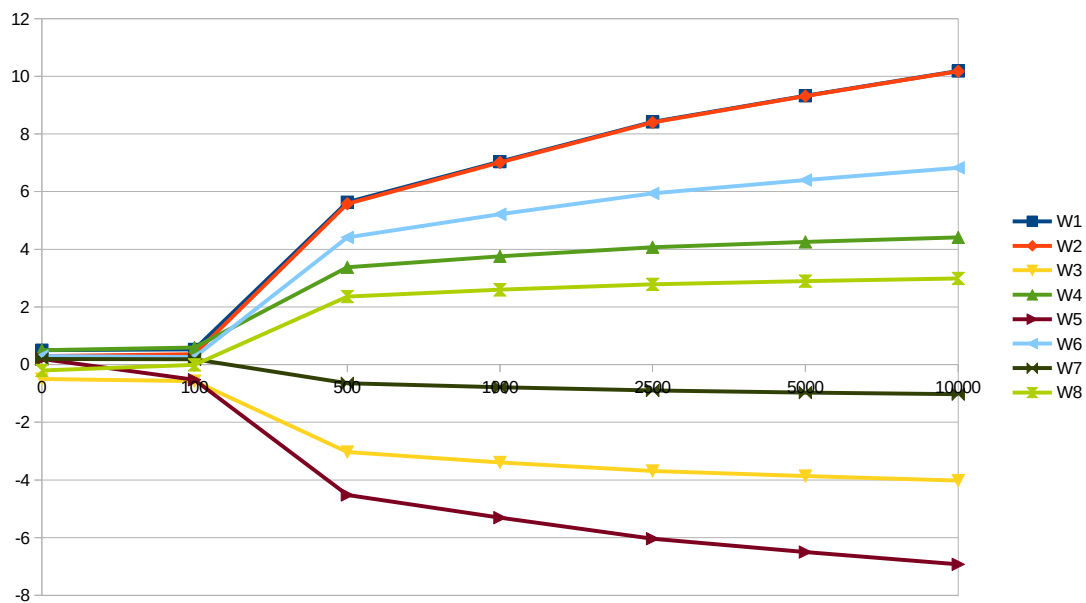
xor

XOR						
Epochs	100	500	1000	2500	5000	10000
0-0	0.11	0.002	0.001	0	0	0
0-1	0.126	0.002	0.001	0	0	0
1-1	0.118	0.116	0.114	0.114	0.114	0.113
1-0	0.146	0.142	0.139	0.138	0.137	0.137

XOR



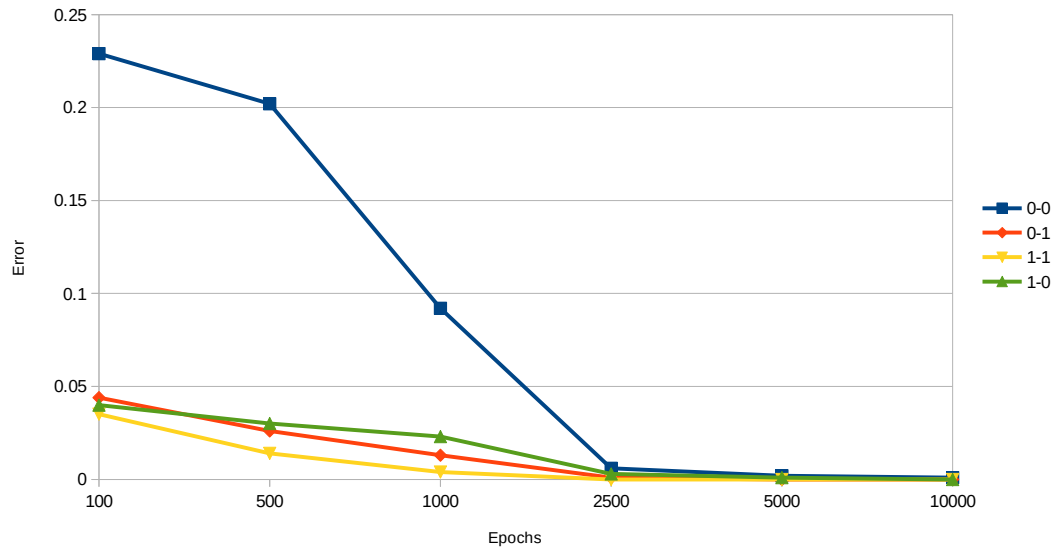
Weights								
Epochs	W1	W2	W3	W4	W5	W6	W7	W8
0	0.5	0.3	-0.5	0.5	0.2	0.3	0.2	-0.2
100	0.53	0.364	-0.571	0.596	-0.526	0.26	0.188	-0.007
500	5.637	5.582	-3.033	3.382	-4.521	4.418	-0.647	2.36
1000	7.042	7.013	-3.394	3.76	-5.311	5.214	-0.786	2.597
2500	8.415	8.397	-3.69	4.071	-6.035	5.939	-0.899	2.787
5000	9.325	9.311	-3.865	4.253	-6.497	6.402	-0.967	2.897
10000	10.185	10.174	-4.02	4.413	-6.926	6.83	-1.026	2.993



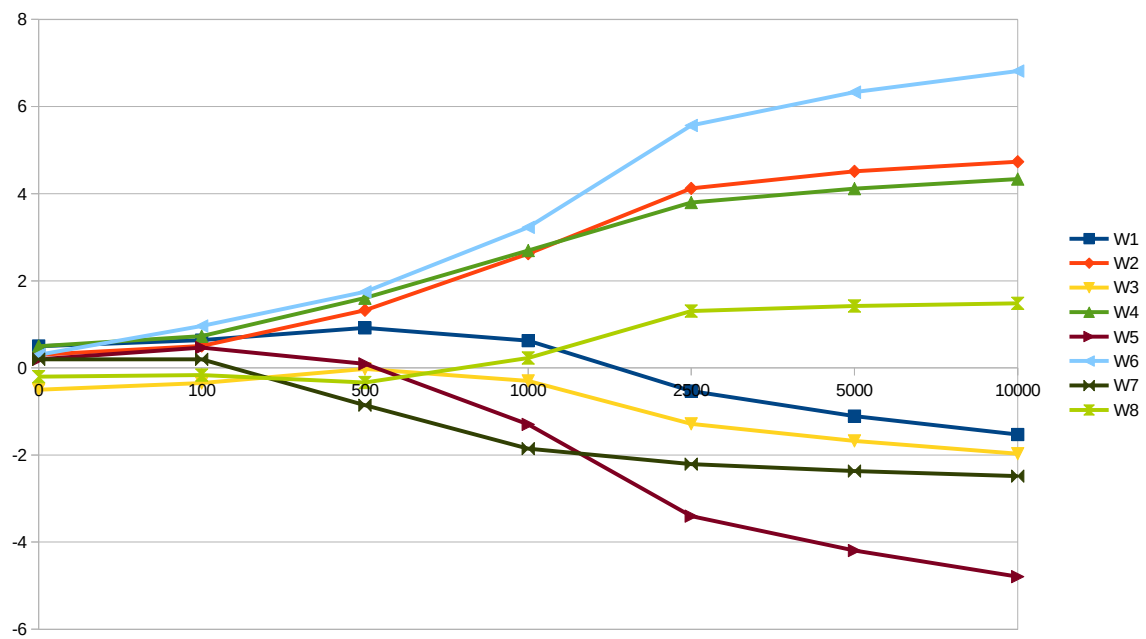
or

OR						
Epochs	100	500	1000	2500	5000	10000
0-0	0.229	0.202	0.092	0.006	0.002	0.001
0-1	0.044	0.026	0.013	0.001	0	0
1-1	0.035	0.014	0.004	0	0	0
1-0	0.04	0.03	0.023	0.003	0.001	0

OR



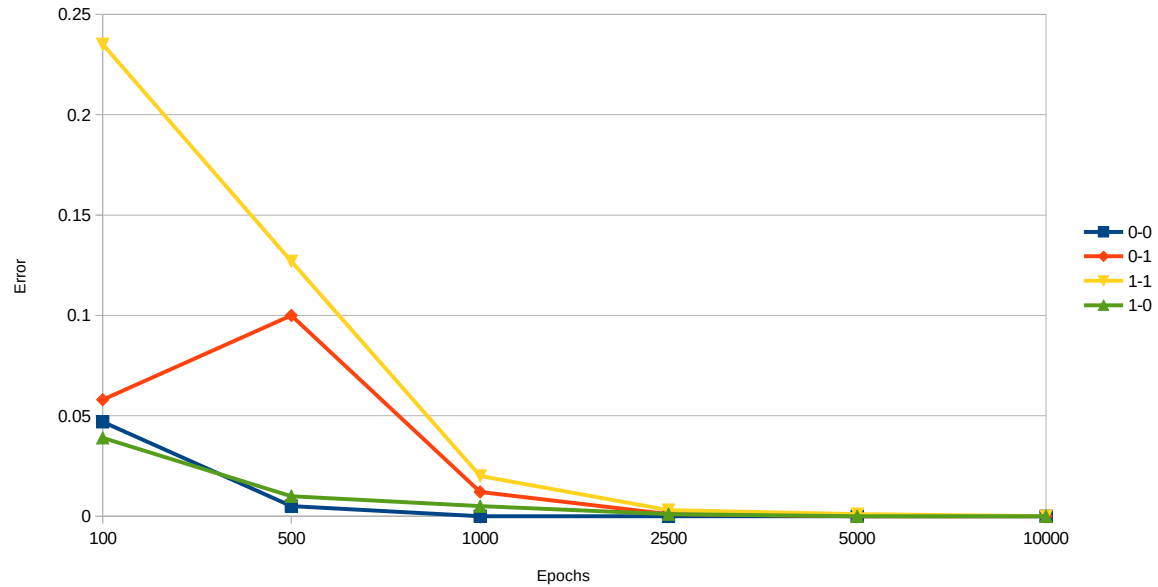
Epochs	Weights							
	W1	W2	W3	W4	W5	W6	W7	W8
0	0.5	0.3	-0.5	0.5	0.2	0.3	0.2	-0.2
100	0.639	0.505	-0.346	0.727	0.468	0.96	0.199	-0.167
500	0.918	1.325	-0.025	1.603	0.091	1.744	-0.856	-0.338
1000	0.623	2.622	-0.3	2.698	-1.298	3.228	-1.854	0.226
2500	-0.534	4.123	-1.283	3.8	-3.405	5.568	-2.208	1.306
5000	-1.108	4.513	-1.674	4.118	-4.192	6.329	-2.369	1.421
10000	-1.531	4.736	-1.968	4.334	-4.793	6.813	-2.483	1.483



and

AND						
Epochs	100	500	1000	2500	5000	10000
0-0	0.047	0.005	0	0	0	0
0-1	0.058	0.1	0.012	0.001	0	0
1-1	0.235	0.127	0.02	0.003	0.001	0
1-0	0.039	0.01	0.005	0.001	0	0

AND



Weights								
Epochs	W1	W2	W3	W4	W5	W6	W7	W8
0	0.5	0.3	-0.5	0.5	0.2	0.3	0.2	-0.2
100	0.384	0.267	-0.856	0.327	-1.006	-0.57	0.332	-0.066
500	-0.556	0.08	-2.826	-0.035	-3.293	0.469	0.38	1.077
1000	-2.256	1.24	-2.973	0.489	-5.609	2.42	0.228	3.356
2500	-3.042	1.617	-3.747	0.817	-7.489	3.72	-0.347	4.589
5000	-3.342	1.736	-4.074	1.012	-8.296	4.336	-0.691	5.058
10000	-3.575	1.819	-4.307	1.207	-8.916	4.862	-1.003	5.405

