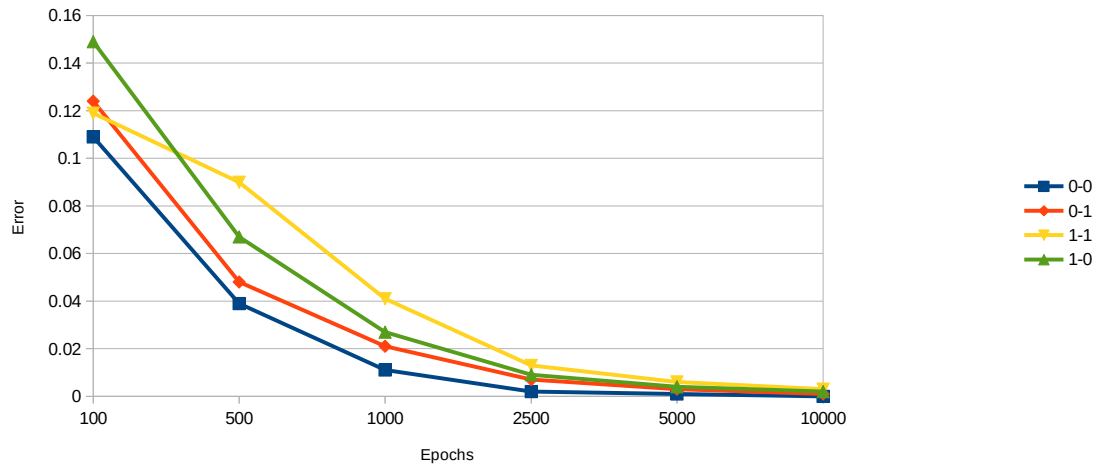


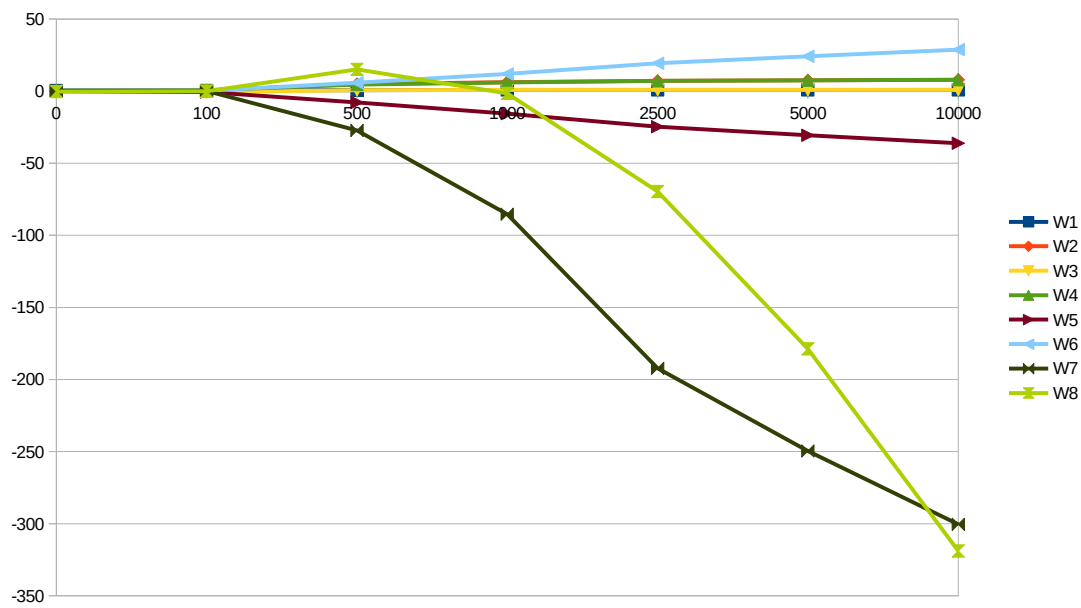
xor

EPOCHS	100	500	1000	2500	5000	10000
0-0	0.109	0.039	0.011	0.002	0.001	0
0-1	0.124	0.048	0.021	0.007	0.003	0.001
1-1	0.119	0.09	0.041	0.013	0.006	0.003
1-0	0.149	0.067	0.027	0.009	0.004	0.002

XOR



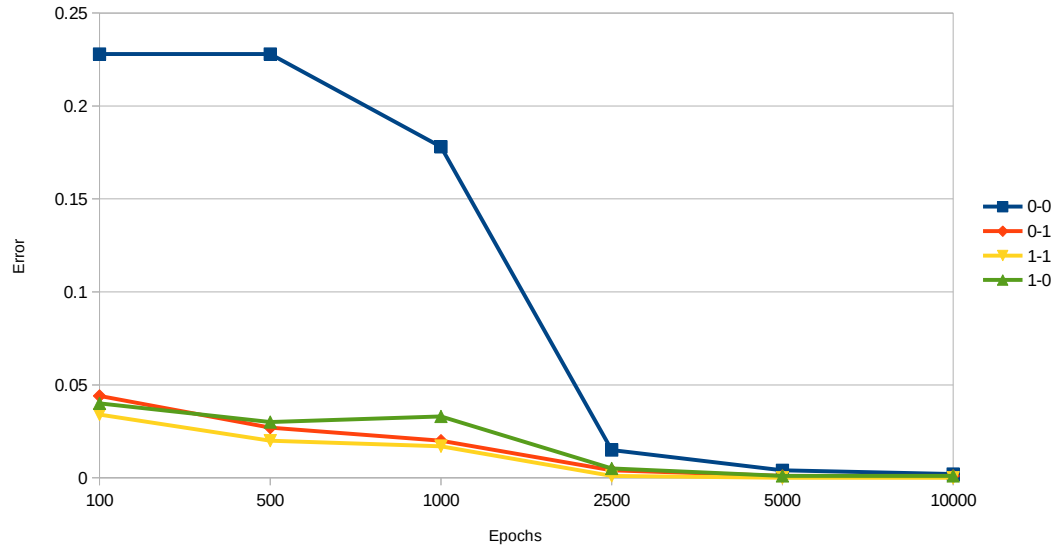
Epochs	Weights							
	W1	W2	W3	W4	W5	W6	W7	W8
0	0.5	0.3	-0.5	0.5	0.2	0.3	0.2	-0.2
100	0.586	0.395	-0.602	0.651	-0.596	0.335	0.208	0.044
500	0.755	4.953	0.599	4.526	-7.797	5.889	-27.271	15.166
1000	0.829	6.178	0.781	6.047	-15.532	12.025	-85.336	-1.603
2500	0.891	7.163	0.867	7.105	-24.597	19.352	-192.17	-69.558
5000	0.918	7.598	0.899	7.558	-30.614	24.238	-249.63	-178.717
10000	0.935	7.935	0.92	7.905	-36.151	28.739	-300.429	-318.828



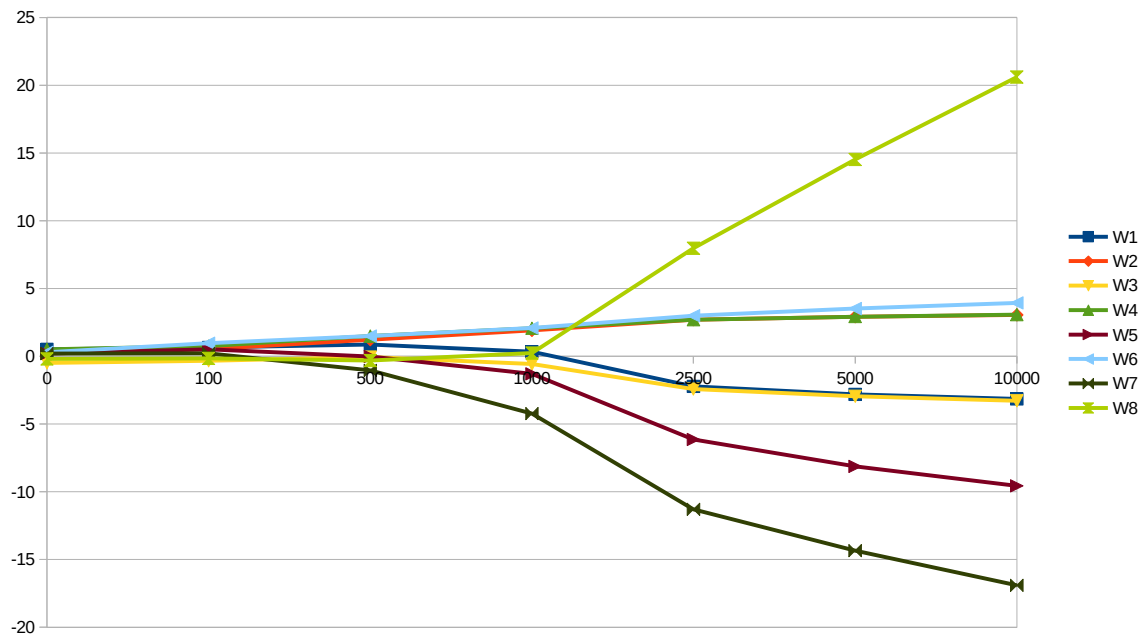
or

OR						
EPOCHS	100	500	1000	2500	5000	10000
0-0	0.228	0.228	0.178	0.015	0.004	0.002
0-1	0.044	0.027	0.02	0.004	0.001	0.001
1-1	0.034	0.02	0.017	0.001	0	0
1-0	0.04	0.03	0.033	0.005	0.001	0.001

OR



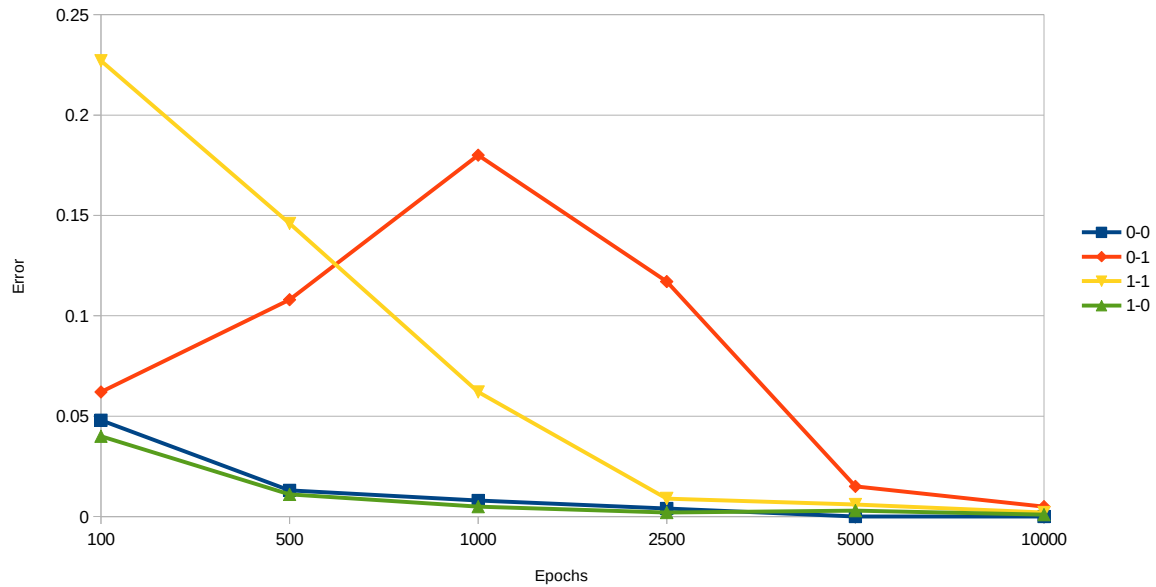
Epochs	Weights							
	W1	W2	W3	W4	W5	W6	W7	W8
0	0.5	0.3	-0.5	0.5	0.2	0.3	0.2	-0.2
100	0.643	0.52	-0.334	0.747	0.499	0.964	0.223	-0.165
500	0.871	1.217	-0.055	1.482	-0.026	1.484	-1.048	-0.322
1000	0.328	1.905	-0.585	2.066	-1.306	2.09	-4.239	0.239
2500	-2.224	2.701	-2.417	2.701	-6.148	2.991	-11.294	7.978
5000	-2.811	2.911	-2.956	2.921	-8.124	3.515	-14.35	14.514
10000	-3.152	3.055	-3.284	3.076	-9.574	3.938	-16.899	20.612



and

AND						
Epochs	100	500	1000	2500	5000	10000
0-0	0.048	0.013	0.008	0.004	0	0
0-1	0.062	0.108	0.18	0.117	0.015	0.005
1-1	0.227	0.146	0.062	0.009	0.006	0.002
1-0	0.04	0.011	0.005	0.002	0.003	0.001

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	0.364	0.257	-0.89	0.338	-1.119	-0.482	0.303	-0.042
500	0.095	-0.13	-2.909	-0.144	-3.417	0.08	0.3	1.629
1000	0.478	1.167	-3.817	-0.032	-4.929	1.036	0.012	3.981
2500	1.059	4.654	-3.573	-2.96	-7.555	2.85	-3.818	9.854
5000	0.498	6.857	-1.782	-3.429	-11.873	4.815	-4.908	26.779
10000	0.483	7.805	-1.697	-3.858	-15.197	6.281	-5.542	44.799

