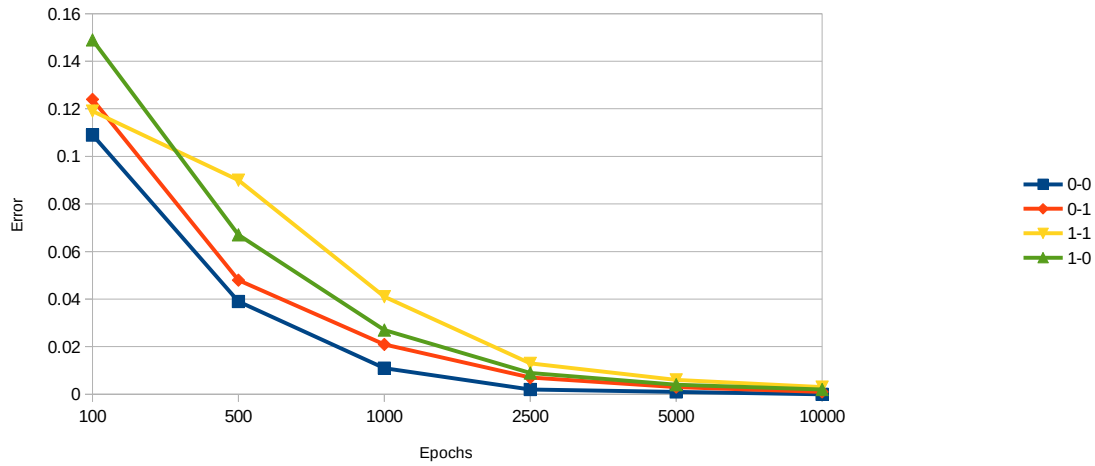


xor

XOR

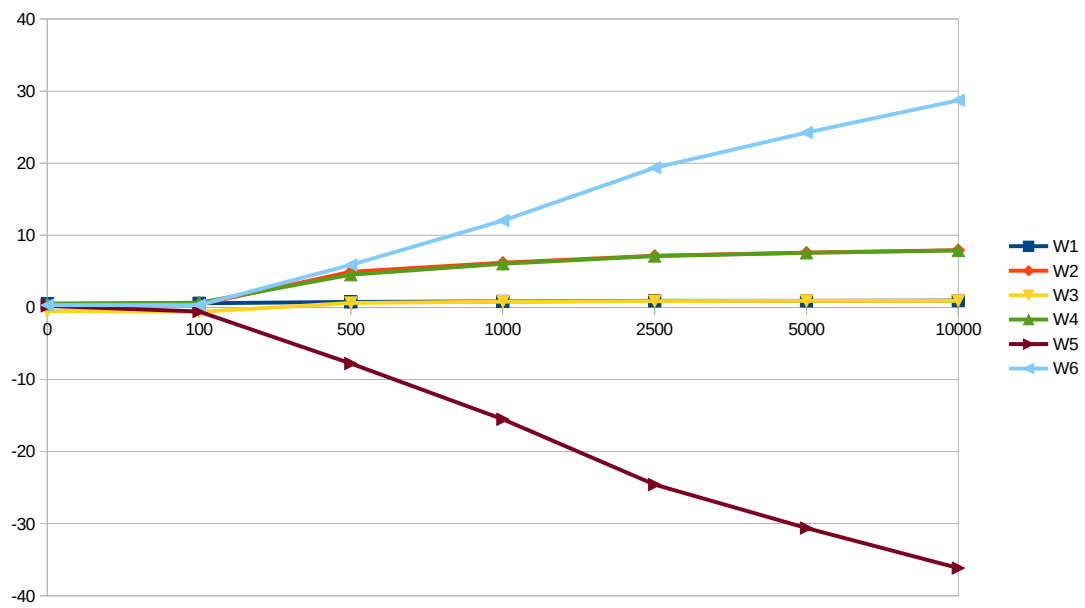
Epochs	100	500	1000	2500	5000	10000
0-0	0.109	0.039	0.011	0.002	0.001	0
0-1	0.124	0.048	0.021	0.007	0.003	0.001
1-1	0.119	0.09	0.041	0.013	0.006	0.003
1-0	0.149	0.067	0.027	0.009	0.004	0.002

XOR



Weights

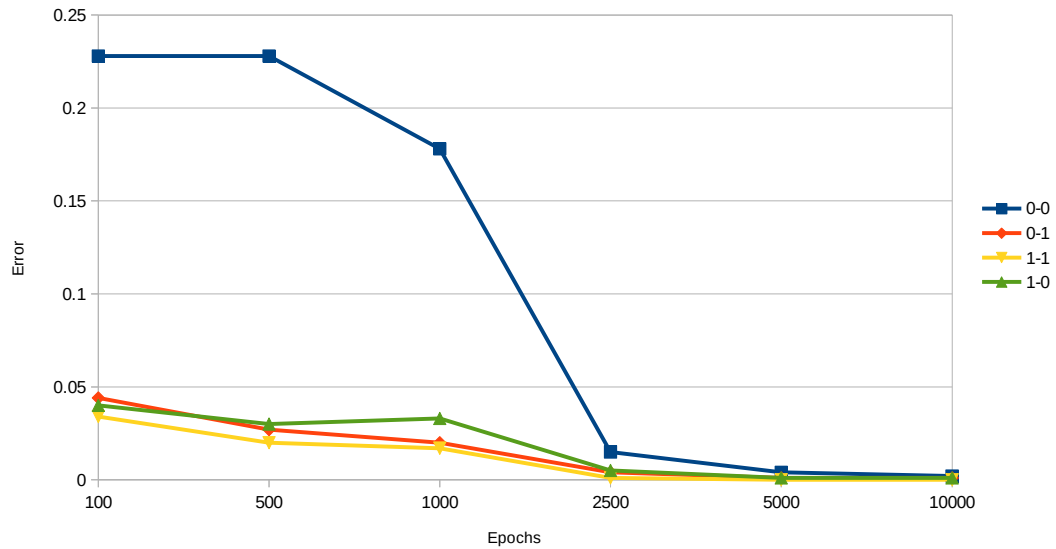
Epochs	W1	W2	W3	W4	W5	W6
0	0.5	0.3	-0.5	0.5	0.2	0.3
100	0.586	0.395	-0.602	0.651	-0.596	0.335
500	0.755	4.953	0.599	4.526	-7.797	5.889
1000	0.829	6.178	0.781	6.047	-15.532	12.025
2500	0.891	7.163	0.867	7.105	-24.597	19.352
5000	0.918	7.598	0.899	7.558	-30.614	24.238
10000	0.935	7.935	0.92	7.905	-36.151	28.739



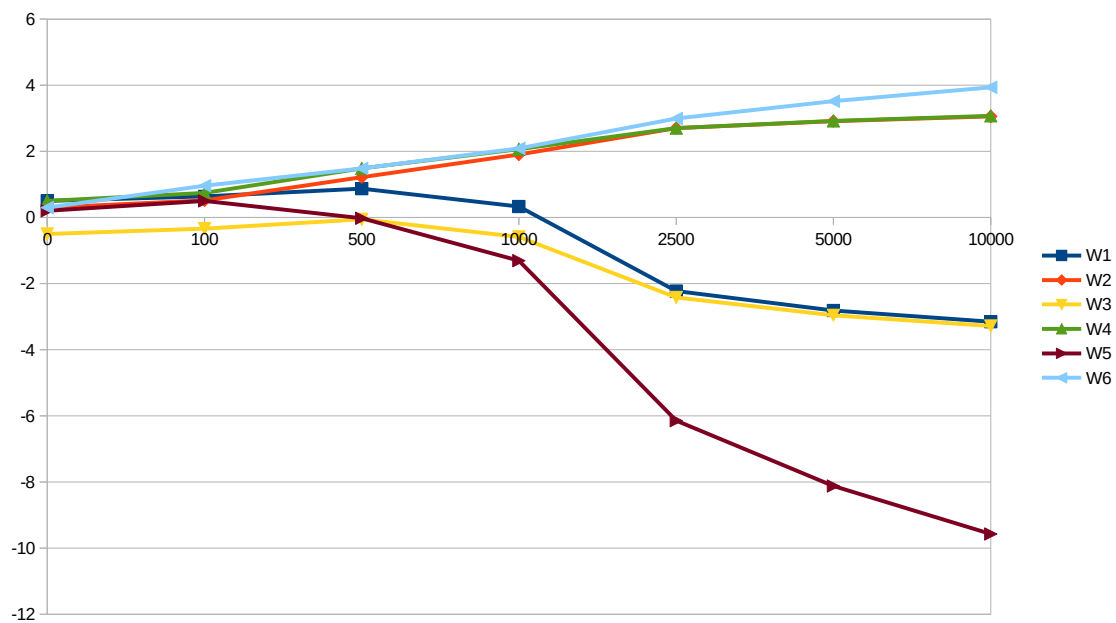
or

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



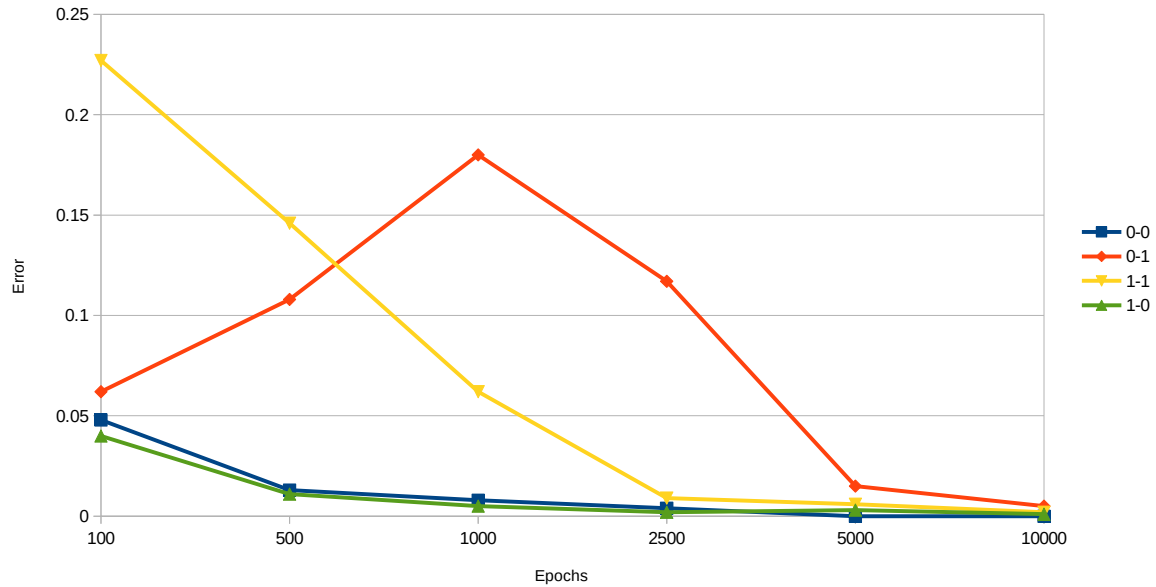
Epochs	Weights					
	W1	W2	W3	W4	W5	W6
0	0.5	0.3	-0.5	0.5	0.2	0.3
100	0.643	0.52	-0.334	0.747	0.499	0.964
500	0.871	1.217	-0.055	1.482	-0.026	1.484
1000	0.328	1.905	-0.585	2.066	-1.306	2.09
2500	-2.224	2.701	-2.417	2.701	-6.148	2.991
5000	-2.811	2.911	-2.956	2.921	-8.124	3.515
10000	-3.152	3.055	-3.284	3.076	-9.574	3.938



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
0	0.5	0.3	-0.5	0.5	0.2	0.3
100	0.364	0.257	-0.89	0.338	-1.119	-0.482
500	0.095	-0.13	-2.909	-0.144	-3.417	0.08
1000	0.478	1.167	-3.817	-0.032	-4.929	1.036
2500	1.059	4.654	-3.573	-2.96	-7.555	2.85
5000	0.498	6.857	-1.782	-3.429	-11.873	4.815
10000	0.483	7.805	-1.697	-3.858	-15.197	6.281

