

Tabelle1

x Input Patterns				
PCA Inputs	8 Hidden Neurones		10 Hidden Neurones	
	MAE	STD	MAE	STD
4	5,1950	6,8847	5,1627	6,7131
6	3,5993	4,6406	3,5441	4,6698
8	3,6856	5,7974	3,6552	5,2805
10	3,6417	5,0999	3,7479	5,7884
12	3,7391	4,9108	3,4541	4,9220
14	3,3606	4,4311	3,3308	4,5715

x2 Input Patterns				
PCA Inputs	8 Hidden Neurones		10 Hidden Neurones	
	MAE	STD	MAE	STD
4	5,1148	6,7684	5,1000	6,6863
6	3,5689	4,6798	3,5205	4,4816
8	3,5613	4,5340	3,5414	4,4765
10	3,4676	4,6726	3,7381	4,8660
12	3,6000	4,7551	3,6827	5,5243
14	3,4558	4,5201	3,7243	5,9566

x3 Input Patterns				
PCA Inputs	8 Hidden Neurones		10 Hidden Neurones	
	MAE	STD	MAE	STD
4	5,0217	6,5202	4,9687	6,4044
6	3,5299	4,6016	3,5317	4,4631
8	3,5450	4,5443	3,5463	4,5426
10	3,5344	4,7507	3,5510	4,7337
12	3,6345	5,1148	3,5572	4,7224
14	3,6049	4,6654	3,7563	6,4134

sqrt(x) Input Patterns				
PCA Inputs	8 Hidden Neurones		10 Hidden Neurones	
	MAE	STD	MAE	STD
4	5,2067	6,7678	5,2014	6,7635
6	3,6126	4,6194	3,5363	4,6492
8	3,4922	4,6126	3,5085	4,6135
10	3,6548	4,9670	3,6629	4,8256
12	3,6292	4,9246	3,6895	5,8536
14	3,2975	4,5906	3,7193	5,4456

log(x) Input Patterns				
PCA Inputs	8 Hidden Neurones		10 Hidden Neurones	
	MAE	STD	MAE	STD
4	5,2087	6,7544	5,1723	6,7422
6	3,5251	4,6514	3,4798	4,5794
8	3,5410	4,6321	3,5420	4,6512
10	3,6975	4,8522	3,6964	4,8490

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12	3,6985	4,9601	3,7691	5,1577
14	3,7712	5,4501	3,6796	5,2144