				validation set	
lambda	hidden layer		Training set accuracy	acc.	test set acc.
0.1	,	4	0.553000	0.529300	0.542200
0.1		8	0.883320	0.873200	0.879900
0.1		12	0.920600	0.916600	0.917600
0.1		16	0.926760	0.918300	0.922700
0.1		20	0.934200	0.922900	0.929800
				validation set	
lambda	hidden layer		Training set accuracy	acc.	test set acc.
0.3		4	0.576080	0.558700	0.580800
0.3		8	0.873220	0.863200	0.871300
0.3		12	0.925880	0.914500	0.923700
0.3		16	0.926640	0.922500	0.924100
0.3		20	0.933960	0.926700	0.931600
				validation set	
lambda	hidden layer		Training set accuracy	acc.	test set acc.
0.5		4	0.660640	0.639100	0.654800
0.5		8	0.891160	0.882000	0.888000
0.5		12	0.906380	0.900700	0.901600
0.5		16	0.925320	0.914100	0.921200
0.5		20	0.935284	0.925800	0.931600
				validation set	
lambda	hidden layer		Training set accuracy	acc.	test set acc.
0.7		4	0.419680	0.407900	0.424700
0.7		8	0.888800	0.881800	0.887500
0.7		12	0.915340	0.906800	0.911000
0.7		16	0.931060	0.923400	0.924500
0.7		20	0.929340	0.929200	0.926800
مام ما مدر ما	مريما ماماما		Tueining out out out	validation set	++
lambda	hidden layer	4	Training set accuracy	acc. 0.583000	test set acc. 0.595400
0.9		4	0.603020		
0.9		8	0.892480		0.886900
0.9		12	0.914560	0.904100	0.910600
0.9		16	0.921040	0.912000	0.917300
0.9		20	0.941060	0.932900 validation set	0.936400
lambda	hidden layer		Training set accuracy	acc.	test set acc.
1	maden layer	4	0.593860	0.577300	0.585200
1		8	0.886780	0.875100	0.882500
1		12	0.918240	0.912400	0.882300
1		16	0.922720	0.912400	0.917700
1		20	0.934000	0.923400	0.928200
1		20	0.554000	validation set	0.520200
lambda	hidden layer		Training set accuracy	acc.	test set acc.
0		50	0.955860	0.944900	0.951800
3		20	3.333300	3.3 1 1300	0.552500











