Network training functions

Red: called by adapt

Bold: called by train

trainb - Batch training with weight & bias learning rules.

trainbfg - BFGS quasi-Newton backpropagation.

trainbr - Bayesian Regulation backpropagation.

trainc - Cyclical order incremental training w/learning functions.

traincgb - Conjugate gradient backpropagation with Powell-Beale restarts.

traincgf - Conjugate gradient backpropagation with Fletcher-Reeves updates.

traincgp - Conjugate gradient backpropagation with Polak-Ribiere updates.

traingd - Gradient descent backpropagation.

traingda - Gradient descent with adaptive lr backpropagation.

traingdm - Gradient descent with momentum backpropagation.

traingdx - Gradient descent w/momentum & adaptive lr backpropagation.

trainlm - Levenberg-Marquardt backpropagation.

trainoss - One step secant backpropagation.

trainr - Random order incremental training w/learning functions.

trainrp - RPROP backpropagation.

trains - Sequential order incremental training w/learning functions.

trainscg - Scaled conjugate gradient backpropagation.