

ABSTRACT

One of type from Neural Network is Backpropagation, this method train the weight network to get the balance of between network ability to recognize the pattern used by during training and also network ability to give the real correct respon to similar input pattern (unequal but) with the pattern weared by during training. Fast of understanding represent the konstanta having an in with training process. Neural Network Backpropagation can be developed with a few method, one of them is with the Bar Delta Delta. This Method is used to arrange the fast change of understanding in Neural Network .

To know and analyse how influence Delta of Delta Bar at Neural Network Backpropagation, conducted by attempt by using data of burden of electric power per hour case study in PT PLN APJ Bandung to short-range. Attempt conducted use the data train as much 40 days and testing as much 30 days.

From the attempt knowable that by using Delta of Delta Bar process the training can become quicker (needing epoch what more few). But not yet of course own the better accuration at process of testing.

Key word : Neural Network, Backpropagation, learning rate, Delta Bar Delta