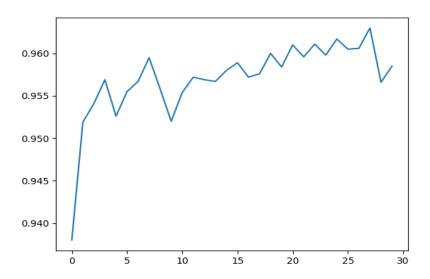
## **Network Report**

Network trained with 30 epochs, using 50000 items of training data partitioned into mini batches of size 10, in 30.18 seconds. This achieved a maximum accuracy of 96.3% using cross entropy cost with a learning rate of 0.5 and a regularization parameter of 5.0.

The networks classification accuracy after each epoch of training is plotted on the below graph.



Of the 10000 items of testing data used, the network misclassified 415. The distribution of these misclassifications is shown on the bar chart below.

