

Assignment 2 Report

CZ4042 Neural Networks

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**Experiments and Results**

**Part A:** **Object Recognition**

1. After configuring the convolutional neural network (CNN) properly, with mini-batch gradient descent learning with batch size of 128, the 10000 training samples are used to train the CNN.

a. The training cost and test accuracy against learning epochs is plotted, as shown in Figure 1 below.