Deep Learning Assignment 2

Yun-shao Sung[*] and Chung-Ling Yao[†]

Abstract. This is the report for deep learning assignment 2

1. More Backpropagation.

1.1. Backpropagation through a DAG of modules.

1.2. Batch Normalization.

2. STL-10: semi-supervised image recognition.

2.1. Sample code.

2.2. STL-10.

3. Visualization.

3.1. Visualizing filters and augmentations.

3.2. t-SNE.

[*]yss265@nyu.edu
[†]cly264@nyu.edu