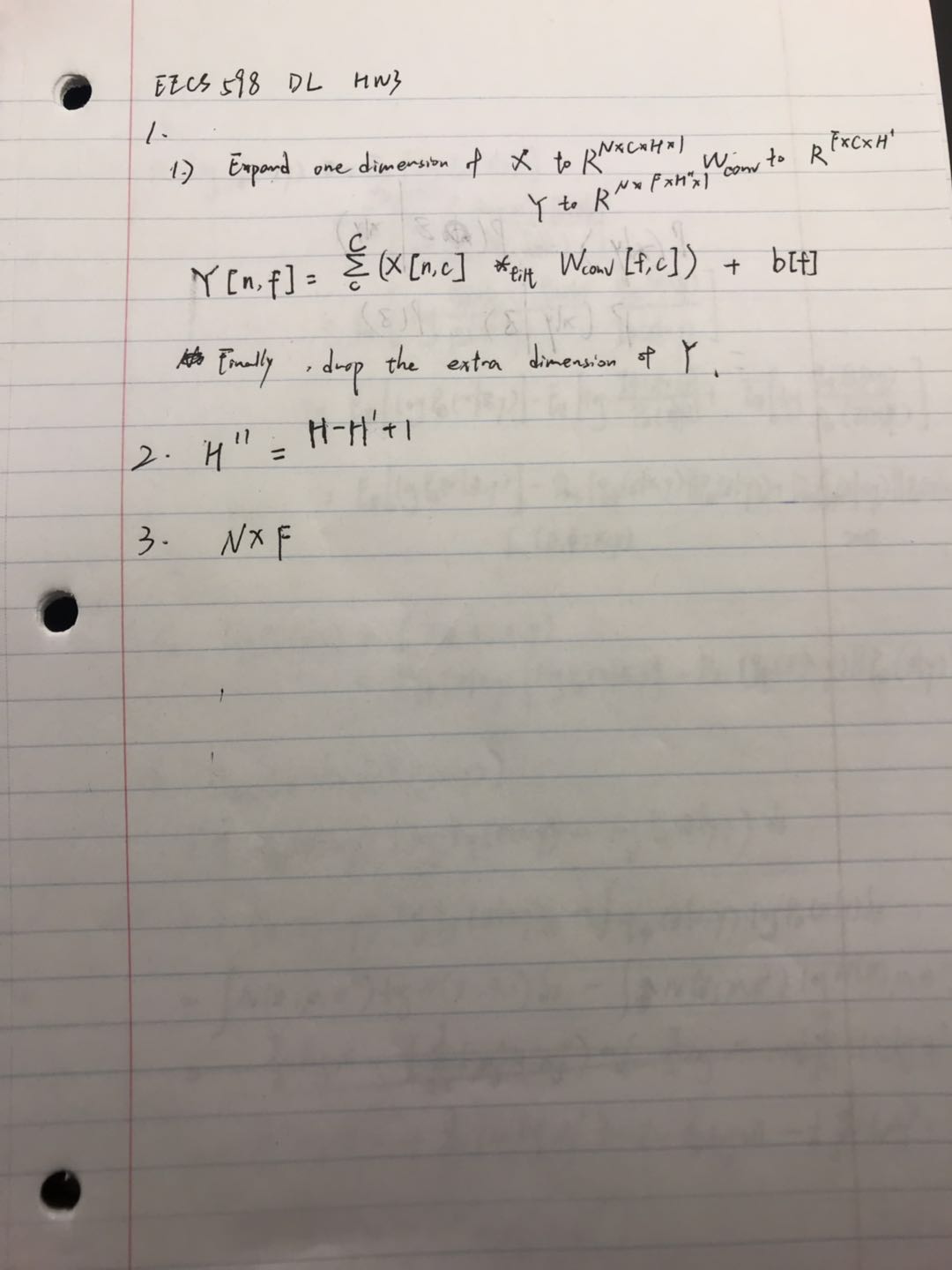
1. Text Classification with CNN



Epoch num: 50

Batch size: 500

Word Embedding: dimension 300 from scratch

Filter num: 128

Optimizer: Adam

Learning rate: 0.005

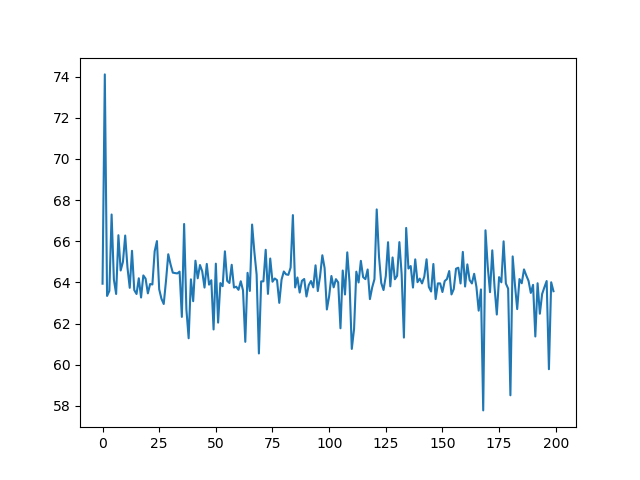
Weight decay: 0.0005

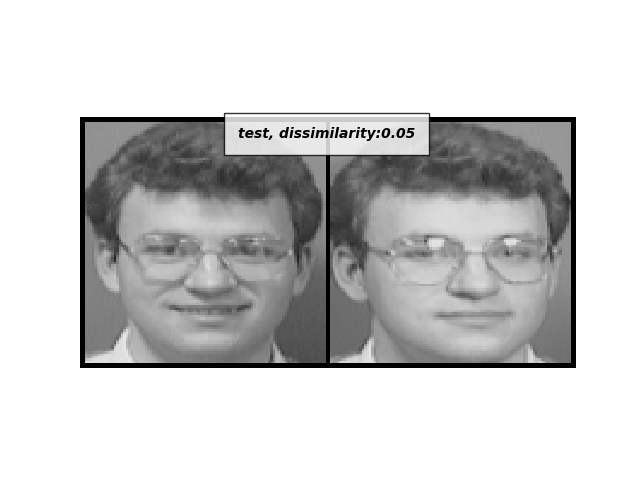
Loss function: BCE Loss

|  |  |  |
| --- | --- | --- |
| Test Accuracy | Max Pooling | Average Pooling |
| Kernel size 5 | 0.9501 | 0.9413 |
| Kernel size 7 | 0.9509 | 0.9428 |

1. Siamese Networks for Learning Embeddings

Results are saved in code/att\_result and code/lfw\_result





1. Conditional Variational Autoencoder

