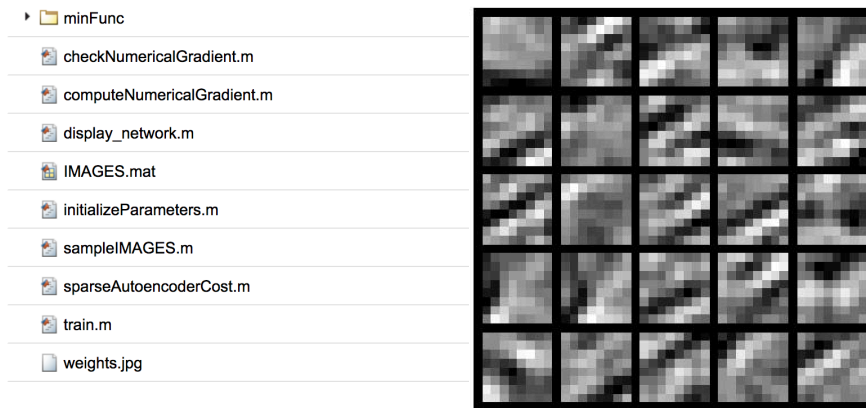


CS542 Report

Shifeng Li

In this project, I complete three following files: sampleIMAGES.m, sparseAutoencoderCost.m, computeNumericalGradient.m. Then running the train.m file and get the result.

I use Matlab to get the result



```
>> train
    38.0000    38.0000
    12.0000    12.0000

The above two columns you get should be very similar.
(Left-Your Numerical Gradient, Right-Analytical Gradient)

    2.1452e-12

Norm of the difference between numerical and analytical gradient (should be < 1e-9)
```