Summary: The report consists of two parts. The first part is using the scattering net and a logistic regression classifier to classify MNIST dataset. The second is using vgg19 to extract features and again a logistic regression classifier to train and classify. The part of visualizing features by a nonlinear projection method is interesting.

Clarity and Quality of writing: 3

The figures of MNIST visualization should have been in their place instead of in another section of Raphael image classification. There is no reference and no introduction on what they did.

Technical quality: 3

The models they used might be too few to draw any conclusion.

Overall rating: 3

Confidence on my assessment: 2