- **Summary of the report**

  This report proposed a feature extraction module, Scattering Net. Different feature extraction models, including the Scattering Net, and traditional machine learning methods were compared which one is more efficient in image classification.

- **The strength of the report**

  The approach proposed in this report shows its ability in image classification. The writing is good and the report is easy to understand.

- **The weakness of the report**

  This report will be better if Fig 5 is in higher definition and Fig 6 is a bit larger.

- **Clarity and quality of writing -- 4**

  This report is clear written and well organized. Its examples and figures are in good use. There is no problem with styles, grammar, types, formatting, or reference. However, this report will be better if Fig. 5 and Fig.6 are in higher definition.

- **Technical quality – 4**

  Its results are technical quality. In reasoning, there is no obvious flaw. Its claims are well-supported by experimental results. Its result is easy to be replicated by other researchers. The evaluation is appropriate. But the weakness of this approach is not clearly posted.

- **Overall rating -- 4**
- **Confidence on assessment -- 3**