

# Reading Report of ABC et al.

(ECE 695, Reading Assignment XX, Spring 2018)

Your Name

## Overview of the Paper

Please talk about the problem which the paper is addressing.

$$\mathbb{E}[X] = \sum_x xp_X(x) \quad (1)$$

You can link (1). If it is an  $L_1$  minimization algorithm, talk about the assumptions they make and the conditions they require.

## Prior Work

Say something about the methods available before the publication of this paper. If you want to cite a paper, you can do [1]. The .bib file can be created using off-the-shelf packages, e.g., JabRef in Windows.

## Key Ideas of the Paper

This should be a bit longer. Explain the key ideas behind the paper. Would be good if you can contrast the proposed method with the prior art.

## Comments

Here is where I will spend most of the time reading. Talk about your findings. Feel free to download and try out their codes. Remember, the more effort you spend here, the more points you will receive. You can talk about the methods pros and cons. You can also try the code on your toy problem. I like to see your analysis, i.e., how you think and what kind of conclusion you come up with.

The entire reading report should be within two pages, including text, figures and reference.

## References

- [1] M. Gupta and Y. Chen, "Theory and use of the EM algorithm," *Foundations and Trends in Signal Processing*, vol. 4, no. 3, pp. 223–296, 2010.