

Paper Reviews

Introduction

This repository is a collection of short reviews of papers in Deep Learning. Reviews are based on papers which explore novel groundbreaking ideas or consist of theoretically rich concepts. A total of 2 short reviews are typically added each week which explore essential aspects of the work, its technical innovation and new questions and ideas raised by the work. Length of each review is 1 page excluding references. Each review is based on a fixed set of guidelines which are given [here](#). If you would like to contribute to the reviews then please read [this](#).

Available Paper Reviews

Review Number	Paper Title	Author List	Review Link	Contributor
1	Action and Perception as Divergence Minimization	Danijar Hafner, Pedro A. Ortega, Jimmy Ba, Thomas Parr, Karl Friston, Nicolas Heess	TBA	@karush17
2	Momentum Contrast for Unsupervised Visual Representation Learning	Kaiming He, Haoqi Fan, Yuxin Wu, Saining Xie, Ross Girshick	TBA	@karush17

Review Guildines

This section outlines the guidelines which are used to write reviews for the repository. Note that these guidelines must be strictly followed for providing high quality reviews to the reader.

Paper Selection

Since Deep Learning is a fast-moving field, papers can span a broad variety of topics. In order to shorten the range of literature, papers must be selected using the following rules-

- Any review paper, survey or a long articles should not be considered since these are themselves a review of previous works and reviewing them would defeat the purpose of literature writing.
- Short paper, Journal papers and theoretical works are suitable as these present a single idea which may be of interest to the reader.
-

Introduction

-

Methodology

-

Critical Analysis

-

New Ideas/Questions

-

Conclusion

-

Contributions

"No one can whistle a symphony. It takes a whole orchestra to play it." – H.E. Luccock

Collaboration is most welcome for this repository. If you believe that you would like to practice your research writing skills or would like to do a literature survey for your independent study, then feel free to hop in!

Reviews in this repository follow a general LaTeX templated which is available in the template folder.

Furthermore, reviews written for the repository must follow the review guidelines which are available [here](#). Feel free to submit your review by opening a pull request.