ECE595 ML Project Report - Checkpoint 1
Efficacy of Noise2Noise on Different Types of Noise

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Abstract

This is an abstract for this project report, blah-blah blah

1. Intorduction

I plan to pursue topic one in the list for this project to explore self-supervised learning for image denoising. (Lehtinen et al., 2018). Some dataset is available on GitHub [2] as well as Kodak database [3] My background is in Autonomy and Control for unmanned aerial systems (UAS), where self-supervised learning has lots of potential to make control decisions. By conducting research and experiment on this topic, specifically in determining the efficacy of noise2noise on other types of noise, I hope to gain more insight in integration of Deep Learning and control's theory.

2. Related Work

TBD

3. Method

TBD

4. Experiment

TBD

5. Conclusion

TBD

Acknowledgements

References

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[2] https://github.com/NVlabs/noise2noise

[3] http://r0k.us/graphics/kodak/