## READING FOR CIFAR-10 PROJECT

## TBD

## References

- 1. Sanghamitra Bandyopadhyay and Sankar Kumar Pal, Classification and learning using genetic algorithms: applications in bioinformatics and web intelligence, Springer, 2007.
- Yoshua Bengio, Practical recommendations for gradient-based training of deep architectures, Neural Networks: Tricks of the Trade, Springer, 2012, pp. 437–478.
- 3. James Bergstra and Yoshua Bengio, Random search for hyper-parameter optimization, The Journal of Machine Learning Research 13 (2012), 281–305.
- 4. James Bergstra, Olivier Breuleux, Frédéric Bastien, Pascal Lamblin, Razvan Pascanu, Guillaume Desjardins, Joseph Turian, David Warde-Farley, and Yoshua Bengio, Theano: a CPU and GPU math expression compiler, Proceedings of the Python for Scientific Computing Conference (SciPy), June 2010, Oral Presentation.
- 5. Ingrid Daubechies et al., Ten lectures on wavelets, vol. 61, SIAM, 1992.
- Deeplearning.net, Deeplearning, http://deeplearning.net/software/theano/tutorial/index.html, Accessed: 2014-02-10.
- 7. Richard O Duda, Peter E Hart, and David G Stork, Pattern classification, John Wiley & Sons, 2012.
- 8. David Edward Goldberg et al., Genetic algorithms in search, optimization, and machine learning, vol. 412, Addison-wesley Reading Menlo Park, 1989.
- Geoffrey Hinton, Neural nets, http://class.coursera.org/neuralnets-2012-001/, Accessed: 2014-02-10.
- 10. \_\_\_\_\_, A practical guide to training restricted boltzmann machines, Momentum 9 (2010), no. 1, 926.
- 11. C Richard Johnson, Ella Hendriks, Igor J Berezhnoy, Eugene Brevdo, Shannon M Hughes, Ingrid Daubechies, Jia Li, Eric Postma, and James Z Wang, *Image processing for artist identification*, Signal Processing Magazine, IEEE 25 (2008), no. 4, 37–48.
- 12. Kaggle.com, Cifar-10 object recognition in images, http://www.kaggle.com/c/cifar-10/, Accessed: 2014-02-10.
- 13. Alex Krizhevsky and Geoffrey Hinton, Learning multiple layers of features from tiny images, Computer Science Department, University of Toronto, Tech. Rep (2009).
- 14. Alex Krizhevsky, Geoffrey E Hinton, et al., Factored 3-way restricted boltzmann machines for modeling natural images, International Conference on Artificial Intelligence and Statistics, 2010, pp. 621–628.
- 15. Alex Krizhevsky, Ilya Sutskever, and Geoffrey E Hinton, Imagenet classification with deep convolutional neural networks., NIPS, vol. 1, 2012, p. 4.
- 16. David JC MacKay, Information theory, inference and learning algorithms, Cambridge university press, 2003.
- 17. Andrew Ng, Machine learning, http://www.cousera.org/course/ml/, Accessed: 2014-01-05.
- 18. Mohammad Norouzi, Convolutional restricted boltzmann machines for feature learning, Master's thesis, School of Computing Science-Simon Fraser University, 2009.
- 19. SN Sivanandam and SN Deepa, Genetic algorithm optimization problems, Springer, 2008.
- 20. Jasper Snoek, Hugo Larochelle, and Ryan P Adams, Practical bayesian optimization of machine learning algorithms., NIPS, 2012, pp. 2960–2968.
- 21. Vikrant Singh Tomar and Richard C Rose, Efficient manifold learning for speech recognition using locality sensitive hashing, Acoustics, Speech and Signal Processing (ICASSP), 2013 IEEE International Conference on, IEEE, 2013, pp. 6995–6999.

Date: June 9, 2014.