

# Document reconstruction with Reinforcement Learning

## CSC700: Santiago F. Blanco

### References:

**Bello, I., Pham, H., Le, Q. V., Norouzi, M. & Bengio, S.** 2016. Neural Combinatorial Optimization with Reinforcement Learning.

**Charikar, M. S.** 2002. Similarity estimation techniques from rounding algorithms. 2002 2002 New York, NY, USA. 2002: ACM, 380-388.

**Douglas, D. H., Peucker, T. K. & Dodge, M.** 2011. Algorithms for the Reduction of the Number of Points Required to Represent a Digitized Line or its Caricature. Chichester, UK: John Wiley & Sons, Ltd.

**Dunteman, G. H.** 1989. Principal components analysis George H. Dunteman, Newbury Park, [Calif.] ;, SAGE.

**Fan, J., Wang, Z., Xie, Y. & Yang, Z.** 2020. A Theoretical Analysis of Deep Q-Learning. Ithaca: Cornell University Library, arXiv.org.

**Hassani, H., Nikan, S. & Shami, A.** 2025. Improved exploration–exploitation trade-off through adaptive prioritized experience replay. Neurocomputing (Amsterdam), 614, 128836.

**He, W., Motlicek, P. & Odobez, J.-M.** Adaptation of Multiple Sound Source Localization Neural Networks with Weak Supervision and Domain-adversarial Training. 2019 2019. IEEE, 770-774.

**Igl, M.** 2021. Inductive Biases and Generalisation for Deep Reinforcement Learning. ProQuest Dissertations & Theses.

**Nouri, A. & Littman, M. L.** 2010. Dimension reduction and its application to model-based exploration in continuous spaces. Machine learning, 81, 85-98.

**Shi, J. & Tomasi, C.** 1994. Good features to track. 1994 1994. IEEE Comput. Soc. Press, 593-600

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