

- Dayan, P. (1990). Reinforcement comparison. In *Connectionist Models: Proceedings of the 1990 Connectionist Summer School*, San Mateo, CA. 691
- Dayan, P. and Hinton, G. E. (1996). Varieties of Helmholtz machine. *Neural Networks*, 9(8), 1385–1403. 693
- Dayan, P., Hinton, G. E., Neal, R. M., and Zemel, R. S. (1995). The Helmholtz machine. *Neural computation*, 7(5), 889–904. 693
- Dean, J., Corrado, G., Monga, R., Chen, K., Devin, M., Le, Q., Mao, M., Ranzato, M., Senior, A., Tucker, P., Yang, K., and Ng, A. Y. (2012). Large scale distributed deep networks. In *NIPS'2012*. 25, 447
- Dean, T. and Kanazawa, K. (1989). A model for reasoning about persistence and causation. *Computational Intelligence*, 5(3), 142–150. 662
- Deerwester, S., Dumais, S. T., Furnas, G. W., Landauer, T. K., and Harshman, R. (1990). Indexing by latent semantic analysis. *Journal of the American Society for Information Science*, 41(6), 391–407. 477, 482
- Delalleau, O. and Bengio, Y. (2011). Shallow vs. deep sum-product networks. In *NIPS*. 19, 554
- Deng, J., Dong, W., Socher, R., Li, L.-J., Li, K., and Fei-Fei, L. (2009). ImageNet: A Large-Scale Hierarchical Image Database. In *CVPR09*. 21
- Deng, J., Berg, A. C., Li, K., and Fei-Fei, L. (2010a). What does classifying more than 10,000 image categories tell us? In *Proceedings of the 11th European Conference on Computer Vision: Part V, ECCV'10*, pages 71–84, Berlin, Heidelberg. Springer-Verlag. 21
- Deng, L. and Yu, D. (2014). Deep learning – methods and applications. *Foundations and Trends in Signal Processing*. 460
- Deng, L., Seltzer, M., Yu, D., Acero, A., Mohamed, A., and Hinton, G. (2010b). Binary coding of speech spectrograms using a deep auto-encoder. In *Interspeech 2010*, Makuhari, Chiba, Japan. 23
- Denil, M., Bazzani, L., Larochelle, H., and de Freitas, N. (2012). Learning where to attend with deep architectures for image tracking. *Neural Computation*, 24(8), 2151–2184. 367
- Denton, E., Chintala, S., Szlam, A., and Fergus, R. (2015). Deep generative image models using a Laplacian pyramid of adversarial networks. *NIPS*. 702, 719
- Desjardins, G. and Bengio, Y. (2008). Empirical evaluation of convolutional RBMs for vision. Technical Report 1327, Département d’Informatique et de Recherche Opérationnelle, Université de Montréal. 683