- Mohamed, A., Sainath, T. N., Dahl, G., Ramabhadran, B., Hinton, G. E., and Picheny, M. A. (2011). Deep belief networks using discriminative features for phone recognition. In *Acoustics, Speech and Signal Processing (ICASSP), 2011 IEEE International Conference on*, pages 5060–5063. IEEE. 459
- Mohamed, A., Dahl, G., and Hinton, G. (2012a). Acoustic modeling using deep belief networks. *IEEE Trans. on Audio, Speech and Language Processing*, **20**(1), 14–22. 459
- Mohamed, A., Hinton, G., and Penn, G. (2012b). Understanding how deep belief networks perform acoustic modelling. In *Acoustics, Speech and Signal Processing (ICASSP)*, 2012 IEEE International Conference on, pages 4273–4276. IEEE. 459
- Moller, M. F. (1993). A scaled conjugate gradient algorithm for fast supervised learning. Neural Networks, 6, 525–533. 316
- Montavon, G. and Muller, K.-R. (2012). Deep Boltzmann machines and the centering trick. In G. Montavon, G. Orr, and K.-R. Müller, editors, *Neural Networks: Tricks of the Trade*, volume 7700 of *Lecture Notes in Computer Science*, pages 621–637. Preprint: http://arxiv.org/abs/1203.3783. 673
- Montúfar, G. (2014). Universal approximation depth and errors of narrow belief networks with discrete units. *Neural Computation*, **26**. 553
- Montúfar, G. and Ay, N. (2011). Refinements of universal approximation results for deep belief networks and restricted Boltzmann machines. *Neural Computation*, **23**(5), 1306–1319. **553**
- Montufar, G. F., Pascanu, R., Cho, K., and Bengio, Y. (2014). On the number of linear regions of deep neural networks. In NIPS'2014. 19, 199, 200
- Mor-Yosef, S., Samueloff, A., Modan, B., Navot, D., and Schenker, J. G. (1990). Ranking the risk factors for cesarean: logistic regression analysis of a nationwide study. *Obstet Gynecol*, **75**(6), 944–7. **3**
- Morin, F. and Bengio, Y. (2005). Hierarchical probabilistic neural network language model. In AISTATS'2005. 467, 469
- Mozer, M. C. (1992). The induction of multiscale temporal structure. In J. M. S. Hanson and R. Lippmann, editors, *Advances in Neural Information Processing Systems* 4 (NIPS'91), pages 275–282, San Mateo, CA. Morgan Kaufmann. 407, 408
- Murphy, K. P. (2012). *Machine Learning: a Probabilistic Perspective*. MIT Press, Cambridge, MA, USA. 62, 98, 146
- Murray, B. U. I. and Larochelle, H. (2014). A deep and tractable density estimator. In *ICML'2014*. 190, 710
- Nair, V. and Hinton, G. (2010). Rectified linear units improve restricted Boltzmann machines. In *ICML'2010*. 16, 174, 197