

- Levenberg, K. (1944). A method for the solution of certain non-linear problems in least squares. *Quarterly Journal of Applied Mathematics*, **II**(2), 164–168. 312
- L'Hôpital, G. F. A. (1696). *Analyse des infiniment petits, pour l'intelligence des lignes courbes*. Paris: L'Imprimerie Royale. 225
- Li, Y., Swersky, K., and Zemel, R. S. (2015). Generative moment matching networks. *CoRR*, abs/1502.02761. 703
- Lin, T., Horne, B. G., Tino, P., and Giles, C. L. (1996). Learning long-term dependencies is not as difficult with NARX recurrent neural networks. *IEEE Transactions on Neural Networks*, **7**(6), 1329–1338. 407
- Lin, Y., Liu, Z., Sun, M., Liu, Y., and Zhu, X. (2015). Learning entity and relation embeddings for knowledge graph completion. In *Proc. AAAI'15*. 484
- Linde, N. (1992). The machine that changed the world, episode 3. Documentary miniseries. 2
- Lindsey, C. and Lindblad, T. (1994). Review of hardware neural networks: a user's perspective. In *Proc. Third Workshop on Neural Networks: From Biology to High Energy Physics*, pages 195–202, Isola d'Elba, Italy. 451
- Linnainmaa, S. (1976). Taylor expansion of the accumulated rounding error. *BIT Numerical Mathematics*, **16**(2), 146–160. 225
- LISA (2008). Deep learning tutorials: Restricted Boltzmann machines. Technical report, LISA Lab, Université de Montréal. 589
- Long, P. M. and Servedio, R. A. (2010). Restricted Boltzmann machines are hard to approximately evaluate or simulate. In *Proceedings of the 27th International Conference on Machine Learning (ICML'10)*. 658
- Lotter, W., Kreiman, G., and Cox, D. (2015). Unsupervised learning of visual structure using predictive generative networks. *arXiv preprint arXiv:1511.06380*. 544, 545
- Lovelace, A. (1842). Notes upon L. F. Menabrea's "Sketch of the Analytical Engine invented by Charles Babbage". 1
- Lu, L., Zhang, X., Cho, K., and Renals, S. (2015). A study of the recurrent neural network encoder-decoder for large vocabulary speech recognition. In *Proc. Interspeech*. 461
- Lu, T., Pál, D., and Pál, M. (2010). Contextual multi-armed bandits. In *International Conference on Artificial Intelligence and Statistics*, pages 485–492. 480
- Luenberger, D. G. (1984). *Linear and Nonlinear Programming*. Addison Wesley. 316
- Lukoševičius, M. and Jaeger, H. (2009). Reservoir computing approaches to recurrent neural network training. *Computer Science Review*, **3**(3), 127–149. 404