

## DAFTAR PUSTAKA

- Abdel-Hamid, O., Mohamed, A., Jiang, H., & Penn, G., 2012, Applying Convolutional Neural Networks Concepts to Hybrid NN-HMM Model for Speech Recognition, *Proceedings of 2012 IEEE international Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 25-30 Maret 2012, 4277-4280.
- Abdel-Hamid, O., Deng, L., & Yu, D., 2013, Exploring Convolutional Neural Network Structures and Optimization Techniques for Speech Recognition, *INTERSPEECH 2013*.
- Abdel-Hamid, O., Mohamed, A., Jiang, H., Deng, L., Penn, G., & Yu, D., 2014, Convolutional Neural Networks for Speech Recognition, *IEEE/ACM Transactions on Audio, Speech, and Language Processing*, 22, 10, Oktober 2014.
- Bishop, C. M., 2006, *Pattern Recognition and Machine Learning*, New York: Springer Science+Business Media.
- Deng, L. & Yu, D., 2014, Deep Learning: Methods and Applications, *Foundations and Trends in Signal Processing*, 7, 3-4, 197-387.
- Fausett, L., 1994, *Fundamentals of Neural Networks: Achitectures, Algorithms, and Applications*, New Jersey: Prentice Hall.
- Glorot, X. & Bengio, Y., 2010, Understanding the difficulty of training deep feedforward neural networks, *Proceedings of International conference on artificial intelligence and statistics*, 2010, 249-256.
- Goodfellow, I., Bengio, Y., & Courville, A., 2016, Deep Learning, <http://goodfeli.github.io/dlbook/>, diakses 2 Februari 2016.
- Hassine, M., Boussaid, L., & Massouad, H., 2015, Hybrid Technique for Arabic Letter Recognition, *International Journal of Intelligent*

*Information Systems*, 4, 1, 2015, 27-34, doi: 10.11648/j.ijis.20150401.14.

He, K., Zhang, X., Ren, S., & Sun, J., 2015, Delving Deep into Rectifiers: Surpassing Human-Level Performance on ImageNet Classification, *Proceedings of The IEEE International Conference on Computer Vision (ICCV)*, Desember 2015, 1026-1034.

Huang, J., Li, J., & Gong, Y., 2015, An Analysis of Convolutional Neural Networks for Speech Recognition, *Proceedings of 2015 IEEE international Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 19-24 April 2015, 4989-4993.

Jurafsky, D. & Martin, J. H., 2009, *Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition*, 2nd edition, New Jersey: Prentice Hall.

LeCun, Y., Huang, F., & Bottou, L., 2004, Learning Methods for Generic Object Recognition with Invariance to Pose and Lighting, *Proceedings of 2004 IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 27 Juni – 2 Juli 2004, 2, II-97-104.

Mitchell, T. M., 1997, *Machine Learning*, McGraw-Hill, New York.

Mohamed, A., Dahl, G., & Hinton, G., 2009, Deep Belief Networks for Phone Recognition, *Proceedings of NIPS Workshop Deep Learning for Speech Recognition and Related Application*, 12 Desember 2009.

Nielsen, M. A., 2015, *Neural Networks and Deep Learning*, Determination Press.

Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R., 2014, Dropout: A Simple Way to Prevent Neural Networks from Overfitting, *Journal of Machine Learning Research* 15, 1929 – 1958.

Wahidah, A. N., Suriazalmi, M. S., Niza, M. L., Rosyati, H., Faradila, N., Hasan, A., Rohana, A. K., & Farizan, Z. N., 2012, Makhraj Recognition Using Speech Processing, *7<sup>th</sup> International Conference on Computing and Convergence Technology (ICCCT)*, Seoul: IEEE, 2012, 689-693.