DAFTAR PUSTAKA

Abadi, M., Barham, P., Chen, J., Chen, Z., Davis, A., Dean, J., ... & Kudlur, M. (2016, November). TensorFlow: A System for Large-Scale Machine Learning. In *OSDI* (Vol. 16, pp. 265-283).

Adelson, E. H., Anderson, C. H., Bergen, J. R., Burt, P. J., & Ogden, J. M. (1984). Pyramid methods in image processing. *RCA engineer*, *29*(6), 33-41.

Beleznai, C., Frühstück, B., & Bischof, H. (2006). Human Tracking by Fast Mean Shift Mode Seeking. *Journal of Multimedia*, *1*(1), 1-8.

Bishop, C. (n.d.). *Pattern recognition and machine learning*. Springer Verlag.

Cawley, G. C., & Talbot, N. L. (2003). Efficient leave-one-out cross-validation of kernel fisher discriminant classifiers. *Pattern Recognition*, *36*(11), 2585-2592.

Chaudhary, A., Raheja, J., Das, K., & Raheja, S. (2011, Februari). Intelligent Approaches to interact with Machines using Hand Gesture Recognition in Natural way: A Survey. *International Journal of Computer Science & Engineering Survey, 2*(1), 122-133. doi:10.5121/ijcses.2011.2109

Chen, T., Wu, M., Hsieh, Y., & Fu, L. (2016, Desember). Deep learning for integrated hand detection and pose estimation. *2016 23rd International Conference on Pattern Recognition (ICPR)*. doi:10.1109/icpr.2016.7899702

Chen, Q., Georganas, N. D., & Petriu, E. M. (2007, Mei). Real-time Vision-based

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Hand Gesture Recognition Using Haar-like Features. *2007 IEEE Instrumentation & Measurement Technology Conference IMTC 2007.* doi:10.1109/imtc.2007.379068

Cunningham, P., Cord, M., & Delany, S. J. (2008). Supervised learning. *Machine learning techniques for multimedia*, 21-49.

Dahl, G. E., Sainath, T. N., & Hinton, G. E. (2013, Mei). Improving deep neural networks for LVCSR using rectified linear units and dropout. *Acoustics, Speech and Signal Processing (ICASSP), 2013 IEEE International Conference on*(pp. 8609-8613). IEEE.

Deng, L., & Yu, D. (2014). *Deep learning: Methods and applications*. Now.

Dunne, R. A., & Campbell, N. A. (1997). On the pairing of the softmax activation and cross-entropy penalty functions and the derivation of the softmax activation function. *Proc. 8th Aust. Conf. on the Neural Networks, Melbourne, 181* (Vol. 185).

Fan, J., Xu, W., Wu, Y., & Gong, Y. (2010). Human tracking using convolutional neural networks. *IEEE Transactions on Neural Networks*, *21*(10), 1610-1623.

Graham, B. (2015). Sparse 3D convolutional neural networks. *arXiv preprint arXiv:1505.02890*.

Haykin, S. (1999). Neural networks a comprehensive introduction.

Hasan, H., & Abdul-Kareem, S. (2014). RETRACTED ARTICLE: Static hand gesture recognition using neural networks. Artificial Intelligence Review, 41(2), 147-181.

Jalab, H. A., & Omer, H. K. (2015, Februari). Human computer interface using hand gesture recognition based on neural network. In Information Technology: Towards New Smart World (NSITNSW), 2015 5th National Symposium on (pp. 1-6). IEEE.

Kheng, L. W. (2011). Mean shift tracking. Technical report, School of Computing, National University of Singapore.

Koh, K., Kim, S. J., & Boyd, S. (2007). An interior-point method for large-scale l1-regularized logistic regression. *Journal of Machine learning research*, *8*(Jul), 1519-1555.

Kohavi, R. (1995, August). A study of cross-validation and bootstrap for accuracy estimation and model selection. *Ijcai*(Vol. 14, No. 2, pp. 1137-1145).

Krizhevsky, A., Sutskever, I., & Hinton, G. E. (2012). Imagenet classification with deep convolutional neural networks. In Advances in neural information processing systems (pp. 1097-1105).

Kroese, D. P., Rubinstein, R. Y., Cohen, I., Porotsky, S., & Taimre, T. (2013). Cross-entropy method. In *Encyclopedia of Operations Research and Management Science* (pp. 326-333). Springer US.

Kurt, I., Ture, M., & Kurum, A. T. (2008). Comparing performances of logistic

regression, classification and regression tree, and neural networks for predicting coronary artery disease. *Expert systems with applications*, *34*(1), 366-374.

LeCun, Y., Boser, B., Denker, J. S., Henderson, D., Howard, R. E., Hubbard, W., & Jackel, L. D. (1989). Backpropagation applied to handwritten zip code recognition. *Neural computation*, *1*(4), 541-551.

LeCun, Y., Bottou, L., Bengio, Y., & Haffner, P. (1998). Gradient-based learning applied to document recognition. *Proceedings of the IEEE*, *86*(11), 2278-2324.

LeCun, Y., Bengio, Y., & Hinton, G. (2015). Deep learning. *Nature*, *521*(7553), 436-444.

Maung, T. H. H. (2009). Real-time hand tracking and gesture recognition system using neural networks. World Academy of Science, Engineering and Technology, 50(February), 466-470.

Mittal, A., Zisserman, A., & Torr, P. H. (2011, August). Hand detection using multiple proposals. In *BMVC* (pp. 1-11).

Moreno-Torres, J. G., Sáez, J. A., & Herrera, F. (2012). Study on the impact of partition-induced dataset shift on $ k $-fold cross-validation. *IEEE Transactions on Neural Networks and Learning Systems*, *23*(8), 1304-1312.

Nagi, J., Ducatelle, F., Caro, G. A., Ciresan, D., Meier, U., Giusti, A., . . . Gambardella, L. M. (2011, November). Max-pooling convolutional neural

networks for vision-based hand gesture recognition. *2011 IEEE International Conference on Signal and Image Processing Applications (ICSIPA)*. doi:10.1109/icsipa.2011.6144164

Ng, Andrew (t.thn.). Dipetik 2018 dari Coursera: www.coursera.org/learn/deep-neural-network/lecture/hjgIA/learning-rate-decay.

Nguyen, T., Huynh, H., & Meunier, J. (2013). Static Hand Gesture Recognition Using Artificial Neural Network. *Journal of Image and Graphics, 1*(1), 34-38. doi:10.12720/joig.1.1.34-38

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

Ning, J., Zhang, L., Zhang, D., & Wu, C. (2012). Robust mean-shift tracking with corrected background-weighted histogram. IET computer vision, 6(1), 62-69.

Nowlan, S. J., & Platt, J. C. (1995). A convolutional neural network hand tracker. *Advances in Neural Information Processing Systems*, 901-908.

Oikonomidis, I., Kyriazis, N., & Argyros, A. A. (2011, Agustus). Efficient model-based 3D tracking of hand articulations using Kinect. In BmVC (Vol. 1, No. 2, p. 3).

Raschka, S., & Olson, R. S. (2016). *Python machine learning: Unlock deeper insights into machine learning with this vital guide to cutting-edge predictive analytics*. Packt Publishing.

Savaris, A., & Wangenheim, A. V. (2010, Juni). Comparative evaluation of static

gesture recognition techniques based on nearest neighbor, neural networks and support vector machines. *Journal of the Brazilian Computer Society,16*(2), 147-162. doi:10.1007/s13173-010-0009-z

Sermanet, P., Eigen, D., Zhang, X., Mathieu, M., Fergus, R., & LeCun, Y. (2013). Overfeat: Integrated recognition, localization and detection using convolutional networks. arXiv preprint arXiv:1312.6229.

Shan, C., Tan, T., & Wei, Y. (2007). Real-time hand tracking using a mean shift embedded particle filter. Pattern recognition, 40(7), 1958-1970.

Srivastava, N., Hinton, G. E., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R. (2014). Dropout: a simple way to prevent neural networks from overfitting. *Journal of machine learning research*, *15*(1), 1929-1958.

Tompson, J., Stein, M., Lecun, Y., & Perlin, K. (2014). Real-time continuous pose recovery of human hands using convolutional networks. ACM Transactions on Graphics (ToG), 33(5), 169.

Zeiler, M. D., & Fergus, R. (2013). Stochastic pooling for regularization of deep convolutional neural networks. *arXiv preprint arXiv:1301.3557*.

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