

DAFTAR PUSTAKA

- Al-Azzawi, A., Al-Sadr, H., Cheng, J. dan Han, T.X., 2018, Localized Deep Norm-CNN Structure for Face Verification, *2018 17th IEEE International Conference on Machine Learning and Applications (ICMLA)*, [Online], Desember 2018 IEEE, Orlando, FL., hlm. 8–15, tersedia di DOI:10.1109/ICMLA.2018.00010, diakses 21 April 2019.
- Baddar, W.J., Kim, D.H. dan Ro, Y.M., 2017, Learning Features Robust to Image Variations with Siamese Networks for Facial Expression Recognition, Laurent Amsaleg, Gylfi Þór Guðmundsson, Cathal Gurrin, Björn Þór Jónsson, dan Shin'ichi Satoh (ed.), *MultiMedia Modeling*, Lecture Notes in Computer Science, [Online], Springer International Publishing, Cham., hlm. 189–200, tersedia di DOI:10.1007/978-3-319-51811-4_16, diakses 24 Juni 2020.
- Bromley, J., Guyon, I., LeCun, Y., Säckinger, E. dan Shah, R., 1990, *Signature Verification using a "Siamese" Time Delay Neural Network*, 8,
- Bukovcikov, Z., Sopiak, D., Oravec, M. dan Pavlovicova, J., 2017, Face verification using convolutional neural networks with Siamese architecture, *2017 International Symposium ELMAR*, [Online], September 2017 IEEE, Zadar., hlm. 205–208, tersedia di DOI:10.23919/ELMAR.2017.8124469, diakses 28 Juni 2019.
- Chan, L.-H., Salleh, S.-H., Ting, C.-M. dan Ariff, A.K., 2008, Face identification and verification using PCA and LDA, *2008 International Symposium on Information Technology*, [Online], 2008 IEEE, Kuala Lumpur, Malaysia., hlm. 1–6, tersedia di DOI:10.1109/ITSIM.2008.4631731, diakses 27 Juni 2019.
- Cheng, D., Gong, Y., Zhou, S., Wang, J. dan Zheng, N., 2016, Person Re-identification by Multi-Channel Parts-Based CNN with Improved Triplet Loss Function, *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, [Online], Juni 2016 IEEE, Las Vegas, NV, USA., hlm. 1335–1344, tersedia di DOI:10.1109/CVPR.2016.149, diakses 26 Juli 2019.
- Choi, W., Duraisamy, K., Kim, R.G., Doppa, J.R., Pande, P.P., Marculescu, D. dan Marculescu, R., 2018, On-Chip Communication Network for Efficient Training of Deep Convolutional Networks on Heterogeneous Manycore Systems, *IEEE Transactions on Computers*, [Online] 67 (5), 672–686, tersedia di DOI:10.1109/TC.2017.2777863.
- Fausett, L., 1994, *Fundamentals of Neural Network: Architecture, Algorithm, and Applications*, Prentice Hall International editions, 1 edisi, Prentice-Hall., [Online]. tersedia di <https://books.google.co.id/books?id=1su4QgAACAAJ>.
- Gonzalez, R.C., Woods, R.E. dan Masters, B.R., 2009, *Digital Image Processing, Third Edition*, [Online]. tersedia di

- <http://biomedicaloptics.spiedigitallibrary.org/article.aspx?doi=10.1117/1.3115362>, diakses 29 Juli 2019.
- Guo, J., Zhu, X., Lei, Z. dan Li, S.Z., 2018, *Face Synthesis for Eyeglass-Robust Face Recognition*, 11,
- Heaton, J. dan Heaton, J., 2013, *Deep learning and neural networks*, Artificial intelligence for humans Jeff Heaton ; Vol. 3, Heaton Research, Inc, St. Louis, MO.
- Imran, M., S U Miah, M., Rahman, H., Bhowmik, A. dan Karmaker, D., 2015, Face Recognition using Eigenfaces, *International Journal of Computer Applications*, [Online] 118 (5), 12–16, tersedia di DOI:10.5120/20740-3119.
- Kanan, C. dan Cottrell, G.W., 2012, Color-to-Grayscale: Does the Method Matter in Image Recognition?, Eshel Ben-Jacob (ed.), *PLoS ONE*, [Online] 7 (1), e29740, tersedia di DOI:10.1371/journal.pone.0029740.
- Koch, G., Zemel, R. dan Salakhutdinov, R., 2015, *Siamese Neural Networks for One-shot Image Recognition*, 8,
- Kumar, D.V., Jyothi, K. dan Sailaja, D.V., 2007, *Text Independent Speaker Identification With Principal Component Analysis*, 2 (9), 8,
- Ming, Z., Chazalon, J., Luqman, M.M., Visani, M. dan Burie, J.-C., 2017, Simple Triplet Loss Based on Intra/Inter-Class Metric Learning for Face Verification, *2017 IEEE International Conference on Computer Vision Workshops (ICCVW)*, [Online], Oktober 2017 IEEE, Venice., hlm. 1656–1664, tersedia di DOI:10.1109/ICCVW.2017.194, diakses 22 April 2019.
- Naveena, M., HemanthaKumar, G., Prakasha M dan Nagabhushan, P., 2015, Partial face recognition by template matching, *2015 International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)*, [Online], Desember 2015 IEEE, Mandya, India., hlm. 319–323, tersedia di DOI:10.1109/IERECT.2015.7499034, diakses 13 Mei 2019.
- Nielsen, M., 2015, *Neural Networks and Deep Learning*, Determination Press., [Online]. tersedia di <http://neuralnetworksanddeeplearning.com>.
- Oh, B.-S., Toh, K.-A., Choi, K., Beng Jin Teoh, A. dan Kim, J., 2012, Extraction and fusion of partial face features for cancelable identity verification, *Pattern Recognition*, [Online] 45 (9), 3288–3303, tersedia di DOI:10.1016/j.patcog.2012.02.027.
- Provost, F. dan Kohavi, R., 1998, *On Applied Research in Machine Learning*, 6,
- Qiu, F., Kamata, S. dan Ma, L., 2017, Deep Face Recognition under Eyeglass and Scale Variation Using Extended Siamese Network, *2017 4th IAPR Asian Conference on Pattern Recognition (ACPR)*, [Online], November 2017 IEEE, Nanjing, China., hlm. 471–476, tersedia di DOI:10.1109/ACPR.2017.48, diakses 21 April 2019.
- Rateria, A. dan Agarwal, S., 2018, Off-line Signature Verification through Machine Learning, *2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering*

- (UPCON), [Online], November 2018 IEEE, Gorakhpur., hlm. 1–7, tersedia di DOI:10.1109/UPCON.2018.8597090, diakses 27 Juni 2019.
- Rizvi, S.A., Phillips, P.J. dan Moon, H., 1998, The FERET Verification Testing Protocol for Face Recognition Algorithms, *Proceedings Third IEEE International Conference on Automatic Face and Gesture Recognition*, 48–53,
- Schroff, F., Kalenichenko, D. dan Philbin, J., 2015, FaceNet: A unified embedding for face recognition and clustering, *2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, [Online], Juni 2015 IEEE, Boston, MA, USA., hlm. 815–823, tersedia di DOI:10.1109/CVPR.2015.7298682, diakses 21 April 2019.
- Shekar, B.H. dan Bharathi, R.K., 2011, Eigen-signature: A robust and an efficient offline signature verification algorithm, *2011 International Conference on Recent Trends in Information Technology (ICRTIT)*, [Online], Juni 2011 IEEE, Chennai, India., hlm. 134–138, tersedia di DOI:10.1109/ICRTIT.2011.5972461, diakses 27 Juni 2019.
- Soleymani, S., Dabouei, A., Iranmanesh, S.M., Kazemi, H., Dawson, J. dan Nasrabadi, N.M., 2018, Prosodic-Enhanced Siamese Convolutional Neural Networks for Cross-Device Text-Independent Speaker Verification, *2018 IEEE 9th International Conference on Biometrics Theory, Applications and Systems (BTAS)*, [Online], Oktober 2018 IEEE, Redondo Beach, CA, USA., hlm. 1–7, tersedia di DOI:10.1109/BTAS.2018.8698585, diakses 27 Juni 2019.
- Song, C., Yin, B. dan Sun, Y., 2008, Eyeglasses Eigenface Based Glasses-face Recognition, *2008 IEEE International Conference on Networking, Sensing and Control*, [Online], April 2008 IEEE, Sanya, China., hlm. 1385–1390, tersedia di DOI:10.1109/ICNSC.2008.4525435, diakses 26 Juni 2019.
- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I. dan Salakhutdinov, R., 2014, Dropout: A Simple Way to Prevent Neural Networks from Overfitting, *Journal of Machine Learning Research*, 30,
- Szeliski, R., 2011, *Computer Vision: Algorithms and Applications*, 1868–0941, 1 edisi, Springer-Verlag London, London., [Online]. tersedia di <https://www.springer.com/gp/book/9781848829343>.
- Taigman, Y., Yang, M., Ranzato, M. dan Wolf, L., 2014, DeepFace: Closing the Gap to Human-Level Performance in Face Verification, *2014 IEEE Conference on Computer Vision and Pattern Recognition*, [Online], Juni 2014 IEEE, Columbus, OH, USA., hlm. 1701–1708, tersedia di DOI:10.1109/CVPR.2014.220, diakses 21 April 2019.
- Viola, P. dan Jones, M.J., 2004, Robust Real-Time Face Detection, *International Journal of Computer Vision*, [Online] 57137–154, tersedia di DOI:<https://doi.org/10.1023/B:VISI.0000013087.49260.fb>.
- Weber, M., 1999, The Caltech Frontal Face Database, [Online], tersedia di <http://www.vision.caltech.edu/html-files/archive.html>, diakses 25 Maret 2020.



- Wu, H., Xu, Z., Zhang, J., Yan, W. dan Ma, X., 2017, Face Recognition based on Convolution Siamese Networks, *International Congress on Image and Signal Processing*, [Online], 14 Oktober 2017 IEEE, Shanghai, China., hlm. 5, tersedia di <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8302003&tag=1>.
- Yan, R., Zhong, Z., Zhang, J. dan Xu, Y., 2016, An improved similarity metric based on joint Bayesian for face verification, *2016 13th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP)*, [Online], Desember 2016 IEEE, Chengdu, China., hlm. 222–226, tersedia di DOI:10.1109/ICCWAMTIP.2016.8079842, diakses 21 April 2019.