



DAFTAR PUSTAKA

- Ahmad, N. dan Hadinegoro, A., 2012, Metode Histogram Equalization untuk Perbaikan Citra Digital, *Seminar Nasional Teknologi Informasi & Komunikasi Terapan*, 2012 Semarang., hlm. 439–445,
- Ahmed, T., Hossain, S., Hossain, M., Islam, R. dan Andersson, K., 2019, *Facial Expression Recognition using Convolutional Neural Network with Data Augmentation*, [Online], 26 April 2019 hlm. tersedia di DOI:10.1109/ICIEV.2019.8858529.
- Ali, R., 2016, Detektor Ekspresi Wajah Manusia, *Jurnal Informatika*, 16 (1), 78–84,
- Anwar, S. dan Milanova, M., 2016, Real Time Face Expression Recognition of Children with Autism, *International Academy of Engineering and Medical Research*, 1 (1), 1–8,
- Astuti, D.L.Z., 2019, KLASIFIKASI EKSPRESI WAJAH MENGGUNAKAN METODE PRINCIPAL COMPONENT ANALYSIS(PCA) DAN CONVOLUTIONAL NEURAL NETWORK(CNN), *Tesis*, Thesis, Universitas Sriwijaya, Palembang.
- Fausett, L., 1994, *Fundamentals of Neural Network Architectures, Algorithm and Applications*, Prentice Hall, New Jersey.
- Garg, A. dan Bajaj, R., 2015, Facial Expression Recognition & Classification using Hybridization of ICA, GA, and Neural Network for Human-Computer Interaction, *Journal of Network Communications and Emerging Technologies*, 2 (1), 49–57,
- Gonzalez, R.C., Woods, R.E. dan Masters, B.R., 2009, Digital Image Processing, Third Edition, *Journal of Biomedical Optics*, [Online] 14 (2), 029901, tersedia di DOI:10.1117/1.3115362.
- He, K., Zhang, X., Ren, S. dan Sun, J., 2016, Deep Residual Learning for Image Recognition, *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, [Online], Juni 2016 IEEE, Las Vegas, NV, USA., hlm. 770–778, tersedia di DOI:10.1109/CVPR.2016.90, diakses 30 Agustus 2020.
- Herba, C. dan Phillips, M., 2004, Development of facial expression recognition from childhood to adolescence: Behavioral and neurological perspectives, *Journal of Child Psychology and Psychiatry*, 451–14,
- Hermawan, A., 2006, *Jaringan Saraf Tiruan (Teori dan Aplikasi)*, Andi Publishing, Yogyakarta.



- Ichimura, T. dan Kamada, S., 2019, Re-learning of Child Model for Misclassified data by using KL Divergence in AffectNet: A Database for Facial Expression, *2019 IEEE 11th International Workshop on Computational Intelligence and Applications (IWCIA)*, [Online], November 2019 hlm. 15–20, tersedia di DOI:10.1109/IWCIA47330.2019.8955072.
- Ioffe, S. dan Szegedy, C., 2015, *Batch Normalization: Accelerating Deep Network Training by Reducing Internal Covariate Shift*, 9,
- Kadir, A. dan Susanto, A., 2013, *Teori dan Aplikasi Pengolahan Citra*, Andi Publishing, Yogyakarta.
- Khan, R.A., Arthur, C., Meyer, A. dan Bouakaz, S., 2019, A novel database of Children's Spontaneous Facial Expressions (LIRIS-CSE), *Image and Vision Computing*, [Online] 83–8461–69, tersedia di DOI:10.1016/j.imavis.2019.02.004.
- Kingma, D.P. dan Ba, J., 2014, *Adam: A Method for Stochastic Optimization*,
- Li, B. dan Lima, D., 2021, Facial expression recognition via ResNet-50, *International Journal of Cognitive Computing in Engineering*, [Online] 257–64, tersedia di DOI:10.1016/j.ijcce.2021.02.002.
- Nagpal, S., Singh, M., Vatsa, M., Singh, R. dan Noore, A., 2019, *Expression Classification in Children Using Mean Supervised Deep Boltzmann Machine*, [Online], 2019 hlm. 0–0, tersedia di https://openaccess.thecvf.com/content_CVPRW_2019/html/AMFG/Nagpal_Expression_Classification_in_Children_Using_Mean_Supervised_Deep_Boltzmann_Machine_CVPRW_2019_paper.html, diakses 28 Agustus 2020.
- Perez, L. dan Wang, J., 2017, The Effectiveness of Data Augmentation in Image Classification using Deep Learning, *arXiv:1712.04621 [cs]*, [Online] tersedia di <http://arxiv.org/abs/1712.04621>, diakses 14 Juni 2021.
- Phillips, D., 2000, *Image Processing in C*, Second Edition, R & D Publications, Kansas.
- Putra, D., 2010, *Pengolahan Citra Digital*, Andi Publishing, Yogyakarta.
- Rani, P., 2019, Emotion Detection of Autistic Children Using Image Processing, *2019 Fifth International Conference on Image Information Processing (ICIIP)*, [Online], November 2019 hlm. 532–535, tersedia di DOI:10.1109/ICIIP47207.2019.8985706.
- Rodiyansyah, S.F., 2010, *Ekstraksi Histogram Citra Digital Untuk Mengukur Similarity dengan Menggunakan Metode Euclidian Distance*.



- Shorten, C. dan Khoshgoftaar, T.M., 2019, A survey on Image Data Augmentation for Deep Learning, *Journal of Big Data*, [Online] 6 (1), 60, tersedia di DOI:10.1186/s40537-019-0197-0.
- Sofia, N., 2018, CONVOLUTIONAL NEURAL NETWORK, [Online], tersedia di <https://medium.com/@nadhifasofia/1-convolutional-neural-network-convolutional-neural-network-merupakan-salah-satu-metode-machine-28189e17335b>, diakses 13 Mei 2020.
- Srihari, S., 2018, *Pooling in Convolutional Networks*. [Online]. tersedia di <http://www.cedar.buffalo.edu/~srihari/CSE676>.
- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I. dan Salakhutdinov, R., 2014, *Dropout: A Simple Way to Prevent Neural Networks from Overfitting*, 30,
- Thoma, M., 2017, Analysis and Optimization of Convolutional Neural Network Architectures, *arXiv:1707.09725 [cs]*, [Online] tersedia di <http://arxiv.org/abs/1707.09725>, diakses 9 Februari 2022.
- Viola, P. dan Jones, M.J., 2004, Robust Real-Time Face Detection, *International Journal of Computer Vision*, [Online] 57 (2), 137–154, tersedia di DOI:10.1023/B:VISI.0000013087.49260.fb.