

## DAFTAR PUSTAKA

- [1] X. Guo, F. Wu, and X. Tang, "Fingerprint Pattern Identification and Classification," *14th International Conference on Natural Computaiton, Fuzzy Systems and Konwledge Discovery*, Huangshan, 2018.
- [2] A. Alani, B. Pandya, and V. Bharadi, "Fingerprint classification using a deep convolutional neural network," *4th International Conference on Information Management (ICIM)*, Oxford, 2018.
- [3] W.S. Jeon and S.Y. Rhee, "Fingerprint Pattern Classification Using CNN," *International Journal of Fuzzy Logic and Intelligent Systems*, Vol. 17, 2017.
- [4] John M. Shrein, "Fingerprint Classification Using Convolutional Neural Networks and Ridge Orientation Images ," *IEEE Symposium Series on Computational Intelligence (SSCI)*, Honohulu, 2017.
- [5] A. Krizhevsky, I. Sutskever and G. E. Hinton, "ImageNet Classification with Deep Neural Network," pp. 1097-1105, Nov. 2012.
- [6] N. R. Gavai, Y. A. Jakhade, S. A. Tribhuvan and R. Bhattad, "MobileNets for flower classification using TensorFlow" ., *IEEE International Joint Conference on Biometrics*, Pune, 2017.
- [7] A. G. Howard et al., "MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications." 2017.
- [8] M. Sepasian, M. R. Bahmanyar, C. Mares, S. M. Azimi and W. Balachandran, "Novel Fingerprint Image Enhancement Algorithm," *Advances in Electrical and Electronics Engineering - IAENG Special Edition of the World Congress on Engineering and Computer Science 2008*, San Francisco, CA, 2008, pp. 243-251.
- [9] R. Maini and H. Aggarwal, "Study and Comparison of Various Image Edge Detection Techniques," *International Journal of Image Processing*, Volume 3, 2009.
- [10] X. Hou and H. Liu, "Welding Image Edge Detection and Identification Research Based on Canny Operator," *2012 International Conference on Computer Science and Service System*, Nanjing, 1986, pp. 679-698.

- [11] M. H. Ali, V. H. Mahale, P. Yannawar and A. T. Gaikwad, "Overview of fingerprint recognition system," *2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)*, Chennai, 2016, pp. 1334-1338.
- [12] D. Mischelsanti, A. Ene, Y. Guichi, R. Stef and K. Nasrollahi "Fast Fingerprint Classification with Deep Neural Network," *Proceedings of the 12th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Application*, 2017, pp. 202-209.
- [13] P. Tertychnyi, C. Ozcinar and G. Anbarjafari, "Low-quality fingerprint classification using deep neural network," in *IET Biometrics*, vol. 7, no. 6, pp. 550-556, 2018.
- [14] Y. I. Shehu, A. Ruiz-Garcia, V. Palade and A. James, "Detailed Identification of Fingerprints Using Convolutional Neural Networks," *2018 17th IEEE International Conference on Machine Learning and Applications (ICMLA)*, Orlando, FL, 2018, pp. 1161-1165.
- [15] B. Green. Canny Edge Detection. (2002) [Online]. Tersedia di docs.opencv.org/trunk/da/d22/tutorial\_py\_canny.html. Diakses pada 17 Juli 2020.
- [16] C. Sammut, G.I. Webb, "Encyclopedia of Machine Learning". Springer, Boston, MA, 2011.
- [17] L. A. Hutchins, "Systems of friction ridge classification," in *The Fingerprint Source Book*, Washington, DC, 2004, ch. 5, pp. 8-9.
- [18] S. IWayan, Arya Y.Wijaya, and R. Soelaiman, "Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101", *Jurnal Teknik ITS*, Vol. 5 No. 1, 2016.
- [19] Wenshuo Gao, Xiaoguang Zhang, Lei Yang and Huizhong Liu, "An improved Sobel edge detection," *2010 3rd International Conference on Computer Science and Information Technology*, Chengdu, 2010, pp. 67-71
- [20] D. P. Kingma and J. L. Ba, "Adam: A method for stochastic optimization", in *3rd Int. Conf. Learn. Represent ICLR 2015*, 2015, pp. 15.
- [21] S. Ruder, "An overview of gradient descent optimization algorithms", 2016, pp. 114.

- [22] Katanforoosh, Kunin et al., "Parameter optimization in neural networks", [deplearning.ai](https://deplearning.ai), 2019.