

## DAFTAR PUSTAKA

- BoulÁl'treau, V., Vincent, N., Sabourin, R. and Emptoz, H., 1997, August, *Synthetic parameters for handwriting classification*. In *Document Analysis and Recognition*, Proceedings of the Fourth International Conference on (Vol. 1, pp. 102-106), IEEE.
- Cornuejols, G. dan Tutuncu, R., 2006. *Optimization methods in finance (Vol. 5)*. Cambridge University Press.
- Fanany, M.I., 2017, *Handwriting recognition on form document using convolutional neural network and support vector machines (CNN-SVM)*. In *Information and Communication Technology (ICoIC7)*, 2017 5th International Conference on (pp. 1-6), IEEE.
- Hamid, N.A. and Sjarif, N.N.A., 2017, *Handwritten Recognition Using SVM, KNN and Neural Network*. arXiv preprint arXiv:1702.00723.
- Brown, C.M., 1982. *Computer Vision Prentice Hall*. Englewood Clis, NJ.
- LeCun, Y., Boser, B., Denker, J.S., Henderson, D., Howard, R.E., Hubbard, W. and Jackel, L.D., 1989, *Backpropagation applied to handwritten zip code recognition*. *Neural computation*, 1(4), pp.541-551.
- Le Cun, Y., Matan, O., Boser, B., Denker, J.S., Henderson, D., Howard, R.E., Hubbard, W., Jacket, L.D. and Baird, H.S., 1990, *Handwritten zip code recognition with multilayer networks*, *Pattern Recognition, Proceedings.*, 10th International Conference on (Vol. 2, pp. 35-40), IEEE.
- Matan, O., Kiang, R.K., Stenard, C.E., Boser, B., Denker, J.S., Henderson, D., Howard, R.E., Hubbard, W., Jackel, L.D. and Le Cun, Y., 1990, *Handwritten character recognition using neural network architectures*, *Proceedings of the 4th USPS advanced technology conference* (pp. 1003-1011).
- Han, J. and Moraga, C., 1995, June. *The influence of the sigmoid function parameters on the speed of backpropagation learning*. In *International Workshop on Artificial Neural Networks* (pp. 195-201). Springer, Berlin, Heidelberg.
- Shapiro, L.G. and Linda, G., 2002. stockman, George C. *Computer Vision, Prentice hall*. ISBN 0-13-030796-3.

- Kusumadewi, S., 2003. *Artificial intelligence* (teknik dan aplikasinya). Yogyakarta: Graha Ilmu, 278.
- Bishop, C.M., *Pattern Recognition and Machine Learning*. Spring, 2006. 3.
- bin Abdl, K.M. and Hashim, S.Z.M., 2009, November. *Handwriting identification: a direction review*. In Signal and Image Processing Applications (ICSIPA), 2009 IEEE International Conference on (pp. 459-463). IEEE.
- Munggaran, L.C., Nuryuliani, N. Choyrivanie, U., 2010, Klasifikasi Karakter Tulisan Tangan berdasarkan Pola Segmen, Jurnal Ilmiah Program Ilmu Komputer.
- Oceandra, M.H., 2013. Pengurangan Noise Pada Citra Digital Menggunakan Metode Statistik Mean, Mean, Median, Kombinasi Dan Rekursif Filter (Doctoral dissertation, Universitas Islam Negri Sultan Syarif Kasim Riau).
- Papaodysseus, C., Rousopoulos, P., Arabadjis, D., Panopoulou, F. and Panagopoulos, M., 2010, June. *Handwriting automatic classification: Application to ancient Greek inscriptions*, Autonomous and Intelligent Systems (AIS), 2010 International Conference on (pp. 1-6), IEEE.
- Ponnusamy, P., 2014. *A study on preprocessing techniques for the character recognition*. International Journal of Open Information Technologies, 2(12).
- Bengio, Y., Goodfellow, I.J. and Courville, A., 2015. *Deep learning*. Nature, 521(7553), pp.436-444.
- Savita, Ahlawat., 2013, *A Neural Approach to Cursive Handwritten Character Recognition Using Features Extracted from Binarization Technique*, AASRI Procedia. 4. 306-312. 10.1016/j.aasri.2013.10.045.
- Ramadhan, I., Purnama, B. and Al Faraby, S., 2016, May. *Convolutional neural networks applied to handwritten mathematical symbols classification*. In Information and Communication Technology (ICoICT), 2016 4th International Conference on (pp. 1-4). IEEE.
- Balci, B., Saadati, D. and Shiferaw, D., 2017. *Handwritten Text Recognition Using Deep Learning*. CS231n: Convolutional Neural Networks for Visual Recognition, Stanford University, Course Project Report, Spring.

Cohen, G., Afshar, S., Tapson, J. and van Schaik, A., 2017. *EMNIST: an extension of MNIST to handwritten letters*. arXiv preprint arXiv:1702.05373.