

DAFTAR PUSTAKA

- Acharya, T., and Ray, A.K, 2005, *Image processing - principles and applications*, USA: Wiley-Interscience.
- Adeswastoto, H. and Islah, M, 2018, *ANALISIS JENIS KERUSAKAN PADA BANGUNAN PERUMAHAN*, Jurnal Teknik Industri Terintegrasi, 1, 2, pp.58–68, doi:<https://doi.org/10.31004/jutin.v1i2.319>.
- Akar, Ö. and Güngör, O, 2012, *Classification of multispectral images using Random Forest algorithm*. Journal of Geodesy and Geoinformation, 1, 2, pp.105–112, doi: <https://doi.org/10.9733/jgg.241212.1>.
- Ariyanto, A.S, 2020, *ANALISIS JENIS KERUSAKAN PADA BANGUNAN GEDUNG BERTINGKAT (Studi Kasus pada Gedung Apartemen dan Hotel Candiland Semarang)*, Bangun Rekaprima: Majalah Ilmiah Pengembangan Rekayasa, Sosial dan Humaniora, 6, 1, pp.45–57, doi: <https://doi.org/10.32497/bangunrekaprima.v6i1>.
- Bain, L.J, and Engelhardt, M, 1992, *Introduction to probability and mathematical statistics*, 2nd ed, Duxbury classic series, Pacific Grove, CA: Duxbury/Thomson Learning Pacific Grove, CA.
- Breiman, L., Friedman, J.H., Olshen, R.A. and Stone, C.J., 1984, *Classification and Regression Trees*.
- Breiman, L, 2001, *Random Forests*. Machine Learning, 45, 1, pp.5–32, doi: <https://doi.org/10.1023/A:1010933404324>.
- Björkman, J, 2019, *Evaluation of the Effects of Different Preprocessing Methods on OCR Results from Images with Varying Quality*, kth.diva-portal.org, KTH ROYAL INSTITUTE OF TECHNOLOGY, Available at: <https://kth.diva-portal.org/smash/record.jsf?pid=diva2:1368177>
- Bosch, A., Zisserman, A, and Munoz, X, 2007, *Image classification using random forests and ferns*, IEEE 11th International Conference on Computer Vision pp.1–8, doi: <https://doi.org/10.1109/ICCV.2007.4409066>.
- Chollet, F, 2018, *Deep Learning with Python*, Shelter Island, New York: Manning Publications Co.
- Devella, S., Yohannes, Y. and Rahmawati, F.N, 2020, *Implementasi Random Forest Untuk Klasifikasi Motif Songket Palembang Berdasarkan SIFT*, JATISI (Jurnal Teknik Informatika dan Sistem Informasi), jurnal.mdp.ac.id, 7, 2, pp.310-320.
- Devi, P. A. R. and Budiarti, R. P. N, 2020, “*Image Classification with Shell Texture Feature Extraction Using Local Binary Pattern (LBP) Method*”, Applied Technology and Computing Science Journal, 3, 1, pp. 48–57, doi: 10.33086/atcsj.v3i1.1745.

- Foody, G.M. and Mathur, A, 2004, *A relative evaluation of multiclass image classification by support vector machines*, ieeexplore.ieee.org, Available at: <https://ieeexplore.ieee.org/document/1304900>
- Goodfellow, I., Bengio, Y. and Courville, A, 2016, *Deep learning*, The MIT Press.
- Gonzales, Rafael C and Wood, Richard E, 2013, *Digital Image Processing Fourth*. USA: Pearson International Edition.
- Gunn, S. R. 1998, *Support Vector Machines for Classification and Regression*, Southampton: University of Southampton.
- Heaton, J, 2021, *Applications of Deep Neural Networks*, arXiv:2009.05673, 009.05673, doi: <https://arxiv.org/abs/2009.05673>.
- Howard, A., Zhu, M., Chen, B., Kalenichenko, D., Wang, W., Weyand, T. and Andreetto, M, 2017, *MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications*, Google Inc, doi: <https://doi.org/10.48550/arXiv.1704.04861>
- Ioffe, S. and Szegedy, C, 2015, *Batch Normalization: Accelerating Deep Network Training by Reducing Internal Covariate Shift*, arXiv.org. doi: <https://arxiv.org/abs/1502.03167>.
- Irianto, S.Y, 2016, *Analisa citra digital dan content based image retrieval*, 1st ed. Bandar Lampung: AURA.
- Janiesch, C., Zschech, P. and Heinrich, K, 2021, *Machine learning and deep learning*, *Electronic Markets*, 31, 3, pp.685–695, doi: <https://doi.org/10.1007/s12525-021-00475-2>.
- Kingma, D.P. and Ba, J, 2014, *Adam: A Method for Stochastic Optimization*, arXiv.org, Available at: <https://arxiv.org/abs/1412.6980>.
- Khuri, A.I. and Searle, S.R, 2017, *Matrix algebra useful for statistics*, 2 edition ed. Hoboken, New Jersey.: Wiley.
- Krizhevsky, A., Sutskever, I. and Hinton, G.E, 2012, *ImageNet classification with deep convolutional neural networks*, In: F. Pereira, C.J. Burges, L. Bottou and K.Q. Weinberger, eds., *Advances in neural information processing systems*. Curran Associates, Inc.
- Kruse, B., Gudmundsson, B., Antonsson, D., Hedblom, T., Linge, A., Lord, P. and Ohlsson, T, 1982, *Hardware for image processing and analysis: The PICAP approach*. In: *IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP '82*, Paris, France, May 35, 1982. pp.1187–1190. doi: <https://doi.org/10.1109/ICASSP.1982.1171500>.
- Kustitunto, B. and Badrudin, R, 1994, *STATISTIKA 1: Deskriptif*, 1, Gunadarma.

- Li, Z., Zhu, H. and Huang, M., 2021, A deep learning-based fine crack segmentation network on full-scale steel bridge images with complicated backgrounds. *IEEE Access*, vol 9, pp.114989–114997. doi: <https://doi.org/10.1109/ACCESS.2021.3105279>.
- Lind. D. A., Marchal, W. G., & Mason, R. D, 2002, *Statistical Techniques in Business & Economics*, New York: The McGraw-Hill Companies, Inc.
- Lindahl, T, 2007, *Study of local binary patterns*, Institutionen för teknik och naturvetenskap, p.41.
- Madani, A., Arnaout, R., Mofrad, M. and Arnaout, R, 2018, *Fast and accurate view classification of echocardiograms using deep learning*, *npj Digital Medicine*, 1, 1, doi: <https://doi.org/10.1038/s41746-017-0013-1>.
- Maryanto, B, 2017, *Big Data Dan Pemanfaatannya Dalam Berbagai Sektor*, *Media Informatika*, 16, 2, pp.14–19.
- Nurhopipah, A. and Hasanah, U, 2020, Dataset splitting techniques comparison for face classification on CCTV images, *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, Available at: <https://jurnal.ugm.ac.id/ijccs/article/view/58092> (Accessed: 12 April 2024).
- Nuryadi, Astuti, T.D., Utami, E.S. and Budiantara, M, 2017, *Dasar-Dasar Statistik Penelitian*. Yogyakarta: SIBUKU MEDIA.
- Nicholas Hadinata, P., Simanta, D. and Eddy, L, 2021, *Deep Convolutional Neural Network untuk Mendeteksi Retak pada Permukaan Beton yang Memiliki Void*, *Journal of Sustainable Construction*, 1, 1, pp.45–55.
- Pramudiono, I, 2003, *Pengantar Data Mining: Menambang Permata Pengetahuan di Gunung Data*, IlmuKomputer.com.
- Rilatupa, J, 2009, *Indeks Kondisi Konstruksi Bangunan Tinggi Yang Dipengaruhi Oleh Serangan Rayap*, *Jurnal Sains dan Teknologi Emas*, 19, 1, pp.7–13.
- Robbins, H.E, 1951, A stochastic approximation method, *Annals of Mathematical Statistics*, vol 22, pp.400–407. <https://api.semanticscholar.org/CorpusID:16945044>.
- Rudin, C, 2019, *Stop explaining black box machine learning models for high stakes decisions and use interpretable models instead*, *Nature Machine Intelligence*, 1, 5, pp.206–215, doi: <https://doi.org/10.1038/s422560190048x>.
- Sari, Y.W, 2021, *RINGKASAN 5 ANGKA – eksplorasidata.mipa.ugm.ac.id*. Universitas Gadjah Mada Menara Ilmu Eskplorasi Dan Visualisasi Data, Available at: <https://eksplorasidata.mipa.ugm.ac.id/2021/08/16/ringkasan-5-angka/>
- Sekaran, U. and Bougie, R, 2016, *Research Methods for Business: A Skill-Building Approach*, 7th Edition, Wiley & Sons, West Sussex.

- Sharma, T., Nair, R. and Gomathi, S, 2022, *Breast Cancer Image Classification using Transfer Learning and Convolutional Neural Network*, International Journal of Modern Research, 2, 1, pp.8–16.
- Su, C. and Wang, W, 2020, *Concrete Cracks Detection Using Convolutional Neural Network Based on Transfer Learning*, Mathematical Problems in Engineering, 2020, 7240129, pp.1–10, doi: <https://doi.org/10.1155/2020/7240129>.
- Szeliski, R, 2022, *Computer Vision: Algorithms and Applications*, Springer, London, ISBN-13: 978-1848829343, ISBN-10: 1848829345.
- Vidia, S., Afni, N., Putri Silmina, E. and Pangestu, I, 2021, *Computer Vision Used to Monitor The Youth during The Pandemic Covid-19*, Procedia of Engineering and Life Science, 1, 2.
- Zhang, Y. and Ling, C, 2018, *A strategy to apply machine learning to small datasets in materials science*, npj Computational Materials, 4, 1, doi: <https://doi.org/10.1038/s41524-018-0081-z>.
- Zhou, W., Wang, H. and Wan, Z, 2022, *Ore Image Classification Based on Improved CNN*, Computers and Electrical Engineering, 99, p.107819, doi: <https://doi.org/10.1016/j.compeleceng.2022.107819>.
- Zoubir, H., Rguig, M., El Aroussi, M., Chehri, A. and Saadane, R, 2022, *Concrete Bridge Crack Image Classification Using Histograms of Oriented Gradients, Uniform Local Binary Patterns, and Kernel Principal Component Analysis*. Electronics, 11, 20, p.3357, doi: <https://doi.org/10.3390/electronics11203357>.