DAFTAR PUSTAKA

Abadi, M., Agarwal, A., Barham, P., Brevdo, E., Chen, Z., Citro, C., Corrado, G. S., Davis, A., Dean, J., Devin, M., Ghemawat, S., Goodfellow, I., Harp, A., Irving, G., Isard, M., Jia, Y., Jozefowicz, R., Kaiser, L., Kudlur, M., … Zheng, X. (2016). *TensorFlow: Large-Scale Machine Learning on Heterogeneous Distributed Systems*. http://arxiv.org/abs/1603.04467

Abror, Z. F. (2019). Klasifikasi Citra Kebakaran Dan Non Kebakaran Menggunakan Convolutional Neural Network. *Jurnal Ilmiah Teknologi Dan Rekayasa*, *24*(2), 102–113. https://doi.org/10.35760/tr.2019.v24i2.2389

Achmad, B. and Firdausy, K. (n.d.). *Teknik Pengolahan Citra Digital Menggunakan Delphi*. Ardi Publishing.

Adhikari, B. P. (2018). *Bishwo Prakash Adhikari Camera Based Object Detection for Indoor Scenes*. *March*, 64. https://dspace.cc.tut.fi/dpub/handle/123456789/26084

Ahmad, A. (2017). *Mengenal Artificial Intelligence, Machine Learning, Neural Network, dan Deep Learning*.

Ansari, S. (2020). Building Computer Vision Applications Using Artificial Neural Networks. In *Building Computer Vision Applications Using Artificial Neural Networks*. https://doi.org/10.1007/978-1-4842-5887-3

Arsa, D. M. S., & Susila, A. A. N. H. (2019). VGG16 in Batik Classification based on Random Forest. *Proceedings of 2019 International Conference on Information Management and Technology, ICIMTech 2019*, *1*(August), 295–299. https://doi.org/10.1109/ICIMTech.2019.8843844

Bradski, G. and Kaehler, A. (2008). *Learning OpenCV*. O'Reilly Media. http://shop.oreilly.com/product/0636920022497.do

Carneiro, T., Da Nobrega, R. V. M., Nepomuceno, T., Bian, G. Bin, De Albuquerque, V. H. C., & Filho, P. P. R. (2018). Performance Analysis of Google Colaboratory as a Tool for Accelerating Deep Learning Applications. *IEEE Access*, *6*, 61677–61685. https://doi.org/10.1109/ACCESS.2018.2874767

Chakrabarti, S. and Neapolitan, R. E. and Pyle, D. and Refaat, M. and Schneider, M. and Teorey, T. J. and Witten, I. H. and Cox, E. and Frank, E. and Güting, R. H. (2008). Data Mining know it all. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9). Morgan Kaufmann.

Chollet, F. (2021). *Deep Learning with Python*. Manning Publications. https://www.manning.com/books/deep-learning-with-python-second-edition

Dharmi, N. K. H., & Pratika, D. A. (2019). Rancang Bangun Prototipe Pendeteksi Kebakaran Menggunakan Konsep Internet-of-Things. *Jurnal Teknik: Media Pengembangan Ilmu Dan Aplikasi Teknik*, *18*(01), 17–26. http://creativecommons.org/licenses/by/4.0/

Elgendy, M. (2020). *Deep Learning for Vision Systems*.

Fadillah, R. Z., Irawan, A., Susanty, M., & Artikel, I. (2021). Data Augmentasi Untuk Mengatasi Keterbatasan Data Pada Model Penerjemah Bahasa Isyarat Indonesia (BISINDO). *Jurnal Informatika*, *8*(2), 208–214. https://ejournal.bsi.ac.id/ejurnal/index.php/ji/article/view/10768

Fadlisyah. (2007). *Computer Vision dan Pengolahan Citra*. Andi.

Fajri, F. N., & Priambodo, W. G. (2023). *Jurnal Kecerdasan Buatan , Komputasi dan Teknologi Informasi Fire and Smoke Object Detection Using Mask R-CNN*. *4*(2), 97–102.

Gholamy, A., Kreinovich, V., & Kosheleva, O. (2018). Why 70 / 30 or 80 / 20 Relation Between Training and Testing Sets : A Pedagogical. *Departmental Technical Reports (CS)*, *1209*, 1–6. https://scholarworks.utep.edu/cs_techrep

Goldsborough, P. (2016). *A Tour of TensorFlow*. http://arxiv.org/abs/1610.01178

Goodfellow, I. and Bengio, Y. and Courville, A. (2016). *Deep Learning*. MIT Press.

Gu, Q., Zhu, L., & Cai, Z. (2009). Evaluation measures of the classification performance of imbalanced data sets. *Communications in Computer and Information Science*, *51*, 461–471. https://doi.org/10.1007/978-3-642-04962-0_53

Hasma, Y. A., & Silfianti, W. (2018). Implementasi Deep Learning Menggunakan Framework Tensorflow Dengan Metode Faster Regional Convolutional Neural Network Untuk Pendeteksian Jerawat. *Jurnal Ilmiah Teknologi Dan Rekayasa*, *23*(2), 89–102. https://doi.org/10.35760/tr.2018.v23i2.2459

Kandel, I., & Castelli, M. (2020). The effect of batch size on the generalizability of the convolutional neural networks on a histopathology dataset. *ICT Express*, *6*(4), 312–315. https://doi.org/10.1016/j.icte.2020.04.010

Kementerian Lingkungan Hidup dan Kehutanan, D. P. K. H. dan L. (2023). *Indikasi Luas Kebakaran Rekapitulasi Luas Kebakaran Hutan dan Lahan (Ha) per Provinsi di Indonesia*. Kementerian Lingkungan Hidup Dan Kehutanan. https://sipongi.menlhk.go.id/indikasi-luas-kebakaran

Khan, A. I., & Al-Habsi, S. (2020). Machine Learning in Computer Vision. *Procedia Computer Science*, *167*(2019), 1444–1451. https://doi.org/10.1016/j.procs.2020.03.355

Kingma, D. P., & Ba, J. L. (2014). Adam: A method for stochastic optimization. *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 1–15.

Koul, A., Ganju, S., & Kasam, M. (2020). Practical Deep Learning for Cloud, Mobile, and Edge: Real-World AI & Computer-Vision Projects Using Python, Keras & TensorFlow. In *Handbook of Medical Image Computing and Computer Assisted Intervention* (Vol. 8, Issue 5).

Lee, S., Kang, Q., Madireddy, S., Balaprakash, P., Agrawal, A., Choudhary, A., Archibald, R., & Liao, W. K. (2019). Improving Scalability of Parallel CNN Training by Adjusting Mini-Batch Size at Run-Time. *Proceedings - 2019 IEEE International Conference on Big Data, Big Data 2019*, 830–839. https://doi.org/10.1109/BigData47090.2019.9006550

Lu, D., & Weng, Q. (2007). A survey of image classification methods and techniques for improving classification performance. *International Journal of Remote Sensing*, *28*(5), 823–870. https://doi.org/10.1080/01431160600746456

Mawarni, S. S., Murinto, M., & Sunardi, S. (2023). Segmentasi Citra Luka Luar Berbasis Warna Menggunakan Teknik Active Contour. *Kesatria : Jurnal Penerapan Sistem Informasi (Komputer Dan Manajemen)*, *4*(2), 392–398. https://pkm.tunasbangsa.ac.id/index.php/kesatria/article/view/175

Munir, R. (2004). *Pengolahan Citra Digital*. Informatika.

Nuryadin, R. A., Yusuf, A. R., & Reza, M. (2024). *Prototype Sistem Deteksi Kebakaran Menggunakan Sensor Mq-2 Dan Flame Sensor Berbasis IOT*. *05*(04), 877–885.

Nwankpa, C., Ijomah, W., Gachagan, A., & Marshall, S. (2018). *Activation Functions: Comparison of trends in Practice and Research for Deep Learning*. 1–20. http://arxiv.org/abs/1811.03378

Pamungkas, A. (2016). *Model Ruang Warna Pengolahan Citra*. Pemograman Matlab. https://pemrogramanmatlab.com/2016/06/08/model-ruang-warna-pengolahan-citra/

Prasasti, Wilis, Z. (2021). Segementasi Citra Menggunakan Metode Watershed Transform dengan Kombinasi Thershold, HSV, Grayscale dan Morphology Untuk Mendeteksi Sebaran API. *Ejournal.Uin-Suska.Ac.Id*, *19*(1), 49–54. http://ejournal.uin-suska.ac.id/index.php/sitekin/article/view/14880

Rahadian, R., & Wati, P. R. (2021). Perancangan Sistem Pendeteksi Kebakaran Kebocoran Gas di PT. BPR Kencana Berbasis IOT. *Jurnal Petik*, *7*(2), 171–181. https://doi.org/10.31980/jpetik.v7i2.1280

Rampasek, L., & Goldenberg, A. (2016). TensorFlow: Biology's Gateway to Deep Learning? *Cell Systems*, *2*(1), 12–14. https://doi.org/10.1016/j.cels.2016.01.009

Randles, B. M., Pasquetto, I. V., Golshan, M. S., & Borgman, C. L. (2017). Using the Jupyter Notebook as a Tool for Open Science: An Empirical Study. *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries*, 17–18. https://doi.org/10.1109/JCDL.2017.7991618

Rezende, E., Ruppert, G., Carvalho, T., Theophilo, A., Ramos, F., & de Geus, P. (2018). Malicious Software Classification Using VGG16 Deep Neural Network's Bottleneck Features. *Advances in Intelligent Systems and Computing*, *738*, 51–59. https://doi.org/10.1007/978-3-319-77028-4_9

Rochmawati, N. and Hidayati, H. B. and Yamasari, Y. and Tjahyaningtijas, H. P. A. and Yustanti, W. and Prihanto, A. (2021). Analisa Learning Rate dan Batch Size pada

Klasifikasi Covid Menggunakan Deep Learning dengan Optimizer Adam. *Journal of Information Engineering and Educational Technology*, *5*(2), 44–48. https://doi.org/10.26740/jieet.v5n2.p44-48

Simonyan, K., & Zisserman, A. (2015). Very deep convolutional networks for large-scale image recognition. *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 1–14.

Singh, D., & Singh, B. (2020). Investigating the impact of data normalization on classification performance. *Applied Soft Computing*, *97*(xxxx), 105524. https://doi.org/10.1016/j.asoc.2019.105524

Srinath, K. R. (2017). Python -The Fastest Growing Programming Language. *International Journal For Multidisciplinary Research*, *4*(12), 354–357. https://doi.org/10.36948/ijfmr.2024.v06i03.23112

Suartika E. P, I Wayan, Wijaya Arya Yudhi, S. R. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) Pada Caltech 101. *Jurnal Teknik ITS*, *5*(1), 76. http://repository.its.ac.id/48842/

Tianmei, G. and Jiwen, D. and Li, H. and Gao, Y. (2017). 2017 IEEE 2nd International Conference on Big Data Analysis, ICBDA 2017. *2017 IEEE 2nd International Conference on Big Data Analysis, ICBDA 2017*, *March*, 721–724.

Van der Walt, S., & Aivazis, M. (2011). The NumPy Array: A Structure for Efficient Numerical Computation, Computing in Science & Engineering. *Computing in Science and Engineering*, *13*(2), 22–30. http://aip.scitation.org/doi/abs/10.1109/MCSE.2011.37

Wang, S., & Su, Z. (2019). *Metamorphic Testing for Object Detection Systems*. http://arxiv.org/abs/1912.12162