

## References

- [1] F. Faux and F. Luthon, 'Theory of evidence for face detection and tracking', *Int. J. Approx. Reason.*, vol. 53, no. 5, pp. 728–746, Jul. 2012, doi: 10.1016/j.ijar.2012.02.002.
- [2] M. A. Abu, N. H. Indra, A. H. A. Rahman, N. A. Sapiee, and I. Ahmad, 'A study on Image Classification based on Deep Learning and Tensorflow', vol. 12, no. 4, p. 7, 2019.
- [3] S. Shakya, 'Analysis of Artificial Intelligence based Image Classification Techniques', *J. Innov. Image Process.*, vol. 2, pp. 44–54, Mar. 2020, doi: 10.36548/jiip.2020.1.005.
- [4] H. Wang, S. Li, L. Song, and L. Cui, 'A novel convolutional neural network based fault recognition method via image fusion of multi-vibration-signals', *Comput. Ind.*, vol. 105, pp. 182–190, Feb. 2019, doi: 10.1016/j.compind.2018.12.013.
- [5] K. Hyoungh-Seok and L. Byung-Ryong, 'Real-Time Pipe Fault Detection System Using Computer Vision', *Int. J. Precis. Eng. Manuf.*, vol. 7, no. 1, pp. 30–34, 2006.
- [6] K. Chen, W. Wang, X. Chen, and H. Yin, 'Deep Learning Based Antenna Array Fault Detection', in *2019 IEEE 89th Vehicular Technology Conference (VTC2019-Spring)*, Apr. 2019, pp. 1–5. doi: 10.1109/VTCSpring.2019.8746510.
- [7] A. Shihavuddin *et al.*, 'Image based surface damage detection of renewable energy installations using a unified deep learning approach', *Energy Rep.*, vol. 7, pp. 4566–4576, Nov. 2021, doi: 10.1016/j.egyr.2021.07.045.
- [8] U. Tudevtagva, B. Battseren, W. Hardt, and G. V. Troshina, 'Image Processing Based Insulator Fault Detection Method', in *2018 XIV International Scientific-Technical Conference on Actual Problems of Electronics Instrument Engineering (APEIE)*, Oct. 2018, pp. 579–583. doi: 10.1109/APEIE.2018.8545429.
- [9] S. Lee, K. E. An, B. D. Jeon, K. Y. Cho, S. J. Lee, and D. Seo, 'Detecting faulty solar panels based on thermal image processing', in *2018 IEEE International Conference on Consumer Electronics (ICCE)*, Jan. 2018, pp. 1–2. doi: 10.1109/ICCE.2018.8326228.
- [10] 'Deep Neural Networks Based Recognition of Plant Diseases by Leaf Image Classification'. <https://www.hindawi.com/journals/cin/2016/3289801/>

- [11] O. Janssens *et al.*, ‘Convolutional neural network based fault detection for rotating machinery’, *J. SOUND Vib.*, vol. 377, pp. 331–345, 2016, doi: 10.1016/j.jsv.2016.05.027.
- [12] ‘Real-time vehicle type classification with deep convolutional neural networks | SpringerLink’. <https://link.springer.com/article/10.1007/s11554-017-0712-5?shared-article-renderer>
- [13] M. S. Hossain, M. H. Al-Hammadi, and G. Muhammad, ‘Automatic Fruit Classification Using Deep Learning for Industrial Applications’, *IEEE Trans. Ind. Inform.*, 2019, doi: 10.1109/TII.2018.2875149.
- [14] T. Guo, J. Dong, H. Li, and Y. Gao, ‘Simple convolutional neural network on image classification’, *2017 IEEE 2nd Int. Conf. Big Data Anal. ICBDA*, 2017, doi: 10.1109/ICBDA.2017.8078730.
- [15] L. Wen, X. Li, X. Li, and L. Gao, ‘A New Transfer Learning Based on VGG-19 Network for Fault Diagnosis’, *2019 IEEE 23rd Int. Conf. Comput. Support. Coop. Work Des. CSCWD*, 2019, doi: 10.1109/CSCWD.2019.8791884.
- [16] ‘Weights & Biases’. <https://docs.wandb.ai/>
- [17] ‘Streamlit Docs’. <https://docs.streamlit.io/>
- [18] ‘Building a Convolutional Neural Network | Build CNN using Keras’, *Analytics Vidhya*, Jun. 22, 2021. <https://www.analyticsvidhya.com/blog/2021/06/building-a-convolutional-neural-network-using-tensorflow-keras/>
- [19] S. Tammina, ‘Transfer learning using VGG-16 with Deep Convolutional Neural Network for Classifying Images’, *Int. J. Sci. Res. Publ. IJSRP*, vol. 9, p. p9420, Oct. 2019, doi: 10.29322/IJSRP.9.10.2019.p9420.
- [20] A. Lee, ‘Choosing a Baseline Accuracy For a Classification Model’, *Medium*, Jun. 23, 2021. <https://towardsdatascience.com/calculating-a-baseline-accuracy-for-a-classification-model-a4b342ceb88f>

- [21] 'Image Classification using Machine Learning', *Analytics Vidhya*, Jan. 20, 2022. <https://www.analyticsvidhya.com/blog/2022/01/image-classification-using-machine-learning/>
- [22] A. Das, 'Convolution Neural Network for Image Processing — Using Keras', Medium, Jan. 11, 2021. <https://towardsdatascience.com/convolution-neural-network-for-image-processing-using-keras-dc3429056306>.