References

- [1] R. Molina, P. Federigi, V. Gil-Costa, and M. Printista, "Hybrid Classification of Resistors through Image Processing," in 2014 22nd Euromicro International Conference on Parallel, Distributed, and Network-Based Processing, 2014, pp. 103–106.
- [2] "A Review on the Strategies and Techniques of Image Segmentation IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/document/7079063/. [Accessed: 20-Feb-2019].
- [3] Y. Duan, G. Coatrieux, and H. Z. Shu, "Computed tomography image source identification by discriminating CT-scanner image reconstruction process," in 2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), 2015, pp. 5622–5625.
- [4] A. Bharati, R. Singh, M. Vatsa, and K. W. Bowyer, "Detecting Facial Retouching Using Supervised Deep Learning," *IEEE Trans. Inf. Forensics Secur.*, vol. 11, no. 9, pp. 1903–1913, Sep. 2016.
- [5] H. Yalcin and S. Razavi, "Plant classification using convolutional neural networks," in 2016 Fifth International Conference on Agro-Geoinformatics (Agro-Geoinformatics), 2016, pp. 1–5.
- [6] I. Garg and B. Kaur, "Color based segmentation using K-mean clustering and watershed segmentation," in 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom), 2016, pp. 3165–3169.
- [7] J. Lu, G. Wang, and J. Zhou, "Simultaneous Feature and Dictionary Learning for Image Set Based Face Recognition," *IEEE Trans. Image Process.*, vol. 26, no. 8, pp. 4042–4054, Aug. 2017.
- [8] M. Valdenegro-Toro, "Improving Sonar Image Patch Matching via Deep Learning," *ArXiv170902150 Cs*, Sep. 2017.
- [9] I. Gogul and V. S. Kumar, "Flower species recognition system using convolution neural networks and transfer learning," in 2017 Fourth International Conference on Signal Processing, Communication and Networking (ICSCN), 2017, pp. 1–6.

- [10] M. Raees and S. Ullah, "Continuous Number Signs Recognition," in 2014 12th International Conference on Frontiers of Information Technology, 2014, pp. 274–279.
- [11] S. Minaee and A. Abdolrashidi, "Multispectral Palmprint Recognition Using Textural Features," *ArXiv14086615 Cs*, Aug. 2014.
- [12] I. Istiqamah, F. Yanuar, A. D. Wibawa, and S. Sumpeno, "Line hand feature-based palm-print identification system using learning vector quantization," in 2016 International Seminar on Application for Technology of Information and Communication (ISemantic), 2016, pp. 253–260.
- [13] J. Y. Tou, Y. H. Tay, and P. Y. Lau, "Gabor Filters and Grey-level Co-occurrence Matrices in Texture Classification," 2007.
- [14] A. Bali and S. N. Singh, "A Review on the Strategies and Techniques of Image Segmentation," in 2015 Fifth International Conference on Advanced Computing Communication Technologies, 2015, pp. 113–120.
- [15] S. Gupta and C. Singla, "Grade identification of astrocytoma using image processing #x2014; A literature review," in 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom), 2016, pp. 1968–1973.
- [16] X. Changfu, B. Bin, and T. Fengbo, "Research of Substation Equipment Abnormity Identification Based on Image Processing," in *2017 International Conference on Smart Grid and Electrical Automation (ICSGEA)*, 2017, pp. 411–415.
- [17] "Principal component analysis: A review and recent developments | Request PDF." [Online]. Available: https://www.researchgate.net/publication/297661698_Principal_component_analysis_ A_review_and_recent_developments. [Accessed: 21-Feb-2019].
- [18] Y. W. Hen, M. Khalid, and R. Yusof, "Face Verification with Gabor Representation and Support Vector Machines," in *First Asia International Conference on Modelling Simulation (AMS'07)*, 2007, pp. 451–459.
- [19] "An improved image processing analysis for the detection of lung cancer using Gabor filters and watershed segmentation technique IEEE Conference

- Publication." [Online]. Available: https://ieeexplore.ieee.org/document/7830084. [Accessed: 21-Feb-2019].
- [20] G. Kumar and P. K. Bhatia, "A Detailed Review of Feature Extraction in Image Processing Systems," in *2014 Fourth International Conference on Advanced Computing & Communication Technologies*, Rohtak, India, 2014, pp. 5–12.
- [21] "Automatic license plate detection system based on the point weighting and template matching IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/document/7288783. [Accessed: 21-Feb-2019].
- [22] "Portable Camera-Based Assistive Text and Product Label Reading From Hand-Held Objects for Blind Persons IEEE Journals & Magazine." [Online]. Available: https://ieeexplore.ieee.org/document/6517218. [Accessed: 21-Feb-2019].
- [23] "Persian handwritten character recognition using convolutional neural network IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/abstract/document/8342359. [Accessed: 21-Feb-2019].
- [24] "BVCNN: A Multi-object Image Recognition Method Based on the Convolutional Neural Networks IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/document/7467216. [Accessed: 21-Feb-2019].
- [25] "An Ensemble of Fine-Tuned Convolutional Neural Networks for Medical Image Classification IEEE Journals & Magazine." [Online]. Available: https://ieeexplore.ieee.org/document/7769199. [Accessed: 21-Feb-2019].
- [26] "Application of convolutional neural networks for visibility estimation of CCTV images IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/document/8343247. [Accessed: 21-Feb-2019].
- [27] Y. Chen and J. Wang, "Reading resistor based on image processing," in 2015 International Conference on Machine Learning and Cybernetics (ICMLC), 2015, vol. 2, pp. 566–571.
- [28] K. Roy et al., "An efficient OCR based technique for barcode reading and editing," in 2017 4th International Conference on Opto-Electronics and Applied Optics (Optronix), 2017, pp. 1–4.

- [29] M. Delalandre, M. Iwata, and K. Kise, "Fast and Optimal Binary Template Matching Application to Manga Copyright Protection," in *Proceedings of the 2013 27th Brazilian Symposium on Software Engineering*, Washington, DC, USA, 2013, pp. 298–303.
- [30] "An Effective Method for Extracting Capsule by Color Image Processing IEEE Conference Publication." [Online]. Available: https://ieeexplore.ieee.org/document/6113526/. [Accessed: 21-Feb-2019].
- [31] R. Yusof, N. R. Rosli, and M. Khalid, "Using Gabor Filters as Image Multiplier for Tropical Wood Species Recognition System," in *2010 12th International Conference on Computer Modelling and Simulation*, 2010, pp. 289–294.