

DAFTAR PUSTAKA

- Abdullah, A. & Albashish, D. (2021), 'Empirical Comparison on Boosted Cascade of Haar-like Features to Histogram of Oriented Gradients for Person Detection', *Proceedings of the International Conference on Electrical Engineering and Informatics*.
- Ahmad, M., Ahmed, I., Ullah, K. & Ahmad, M. (2019), 'A Deep Neural Network Approach for Top View People Detection and Counting', *2019 IEEE 10th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2019* pp. 1082–1088.
- Alqadi, Z., Khrisat, M., Hindi, A. & Dwairi, M. O. (2020), 'Features Analysis of RGB Color Image based on Wavelet Packet Information', *International Journal of Computer Science and Mobile Computing* **9**(3), 149–156.
- Barnich, O. & Van Droogenbroeck, M. (2011), 'ViBe: A universal background subtraction algorithm for video sequences', *IEEE Transactions on Image Processing* **20**(6), 1709–1724.
- Bou, X., Ehret, T., Facciolo, G., Morel, J. M. & von Gioi, R. G. (2022), 'Reviewing ViBe, a Popular Background Subtraction Algorithm for Real-Time Applications', *Image Processing On Line* **12**, 527–549.
- Dalal, N. & Triggs, B. (2005), 'Histograms of oriented gradients for human detection', *Proceedings - 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, CVPR 2005 I*, 886–893.
- Davis, J., Hsieh, Y. H. & Lee, H. C. (2015), 'Humans perceive flicker artifacts at 500 Hz', *Scientific Reports* **5**, 7861.
- Gross, R., Yang, J. & Waibel, A. (2000), 'Growing gaussian mixture models for pose invariant face recognition', *Proceedings - International Conference on Pattern Recognition* **15**(1), 1088–1091.
- Gupta, P., Sharma, V. & Varma, S. (2021), 'People detection and counting using YOLOv3 and SSD models', *Materials Today: Proceedings*.

- Hao, B., Zhang, L. & Peng, R. (2021), 'An improved vibe algorithm to detect personnel underground in coal mines', *Journal of Physics: Conference Series*.
- Hashemi, N. S., Aghdam, R. B., Ghiasi, A. S. B. & Fatemi, P. (2016), 'Template Matching Advances and Applications in Image Analysis', pp. 91–108.
- Hicks, S. A., Strümke, I., Thambawita, V., Hammou, M., Riegler, M. A., Halvorsen, P. & Parasa, S. (2022), 'On evaluation metrics for medical applications of artificial intelligence', *Scientific Reports* **12**(1), 1–9.
- Hoang, V.-D., Vavilin, A. & Jo, K.-H. (2012a), 'Fast Human Detection Based on Parallelogram Haar-Like Features', (1), 4220–4225.
- Hoang, V. D., Vavilin, A. & Jo, K. H. (2012b), 'Pedestrian detection approach based on modified Haar-like features and AdaBoost', *International Conference on Control, Automation and Systems* pp. 614–618.
- Jiang, Y., Ruan, L., Xiao, L., Liu, X., Yuan, F. & Wang, H. (2018), 'THTM: A template matching algorithm based on HOG descriptor and two-stage matching', *AIP Conference Proceedings*.
- Kajabad, E. N. & Ivanov, S. V. (2019), 'People Detection and Finding Attractive Areas by the use of Movement Detection Analysis and Deep Learning Approach', *Procedia Computer Science* **156**, 327–337.
- Khediri, N., Ammar, M. B. & Kherallah, M. (2021), 'Comparison of Image Segmentation using Different Color Spaces', *International Conference on Communication Technology Proceedings, ICCT 2021-October*, 1188–1192.
- Li, X. & Dai, H. (2011), 'The color components' exchanging on different color spaces and the using for image segmentation', *Proceedings - 2011 International Symposium on Intelligence Information Processing and Trusted Computing, IPTC 2011* pp. 123–126.
- Myint, E. P. & Sein, M. M. (2021), 'People detecting and counting system', *LifeTech 2021 - 2021 IEEE 3rd Global Conference on Life Sciences and Technologies (LifeTech)*, 289–290.
- Pranata, P. Y. (2022), Improved visual background extractor untuk pendeteksian parkir ilegal, Master's thesis, Universitas Gadjah Mada.

- Rahman, M. A., Kapoor, P., Laganriere, R., Laroche, D., Zhu, C., Xu, X. & Osman Ors, A. (2018), 'Deep people detection: A comparative study of SSD and LSTM-decoder', *Proceedings - 2018 15th Conference on Computer and Robot Vision, CRV 2018* pp. 305–312.
- Rinaldi, E. (2021), Analisis algoritme c-mtl dan csnet dalam mengestimasi jumlah manusia pada citra digital, Master's thesis, Universitas Gadjah Mada.
- Ryan, D., Denman, S., Sridharan, S. & Fookes, C. (2012), 'Scene invariant crowd counting and crowd occupancy analysis', *Studies in Computational Intelligence* **409**, 161–198.
- Shahzad, A. R. & Jalal, A. (2021), 'A Smart Surveillance System for Pedestrian Tracking and Counting using Template Matching', *2021 International Conference on Robotics and Automation in Industry, ICRAI 2021*.
- Surasak, T., Takahiro, I., Cheng, C. H., Wang, C. E. & Sheng, P. Y. (2018), 'Histogram of oriented gradients for human detection in video', *Proceedings of 2018 5th International Conference on Business and Industrial Research: Smart Technology for Next Generation of Information, Engineering, Business and Social Science, ICBIR 2018 (2006)*, 172–176.
- Titus, S. & Rena N.M, J. (2018), 'Fast Colorization of Grayscale Images by Convolutional Neural Network', pp. 1–5.
- Wahyono, Filonenko, A. & Jo, K. H. (2016), 'Unattended Object Identification for Intelligent Surveillance Systems Using Sequence of Dual Background Difference', *IEEE Transactions on Industrial Informatics* **12**(6), 2247–2255.
- Wan, Y. & Xie, Q. (2016), 'A novel framework for optimal RGB to grayscale image conversion', *Proceedings - 2016 8th International Conference on Intelligent Human-Machine Systems and Cybernetics, IHMSC 2016* **2**(3), 345–348.
- Wang, Y. (2020), '232525/vibe.python: A python implementation of vibe: A universal background subtraction algorithm for video sequences'.
- Wen, W., Xia, F. & Xia, L. (2021), 'Real-time personnel counting of indoor area division based on improved YOLOV4-Tiny', *IECON Proceedings (Industrial Electronics Conference) 2021-Octob*, 4–9.

- WHO (2022), 'Weekly epidemiological update on covid-19 - 5 october 2022'.
- Wu, D. (2020), 'Research on target tracking method of sports video based on multi-template matching', *Proceedings - 2020 International Conference on Virtual Reality and Intelligent Systems, ICVRIS 2020* pp. 82–85.
- Yan, Q. & Wang, J. (2020), 'An improved moving target detection algorithm based on vibe', *Proceedings - 2020 International Conference on Computer Network, Electronic and Automation, ICCNEA 2020* pp. 16–20.
- Yang, X., Gaspar, J., Lou, W. H., Ke, W., Lam, C. T. & Wang, Y. (2019), 'Vision-based mobile people counting system', *ACM International Conference Proceeding Series* pp. 42–46.
- Zhu, S., Wu, J. & Xia, G. (2010), 'TOP-K cosine similarity interesting pairs search', *Proceedings - 2010 7th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2010* 3(Fskd), 1479–1483.