

## DAFTAR PUSTAKA

- Albukhary, N., Y.M. Mustafah. Real-time Human Activity Recognition. IOP Conf. Series: Materials Science and Engineering. 260. 2017
- An, Trinh Hoai., Truong Quang Phuc, Nguyen Thanh Hai and Tran Thanh Mai. Support Vector Machine Algorithm for Human Fall Recognition Kinect-Based Skeletal Data. 2nd National Foundation for Science and Technology Development Conference on Information and Computer Science. 2015
- Arroyo, R., J. J. Yebes, L. M. B. Bergasa, I. G. Daza, and J. Almazán. Expert videosurveillance system for real-time detection of suspicious behaviors in shopping malls. Expert Systems with Applications. 42(21):7991–8005. 2015
- Basuki, Lutfi Febriandita. Implementasi Metode Histograms of Oriented Gradients Dengan Optimasi Algoritma Frei-Chen Untuk Deteksi Citra Manusia. Program Studi Teknik Informatika Fakultas Teknik Dan Ilmu Komputer. h.7. 2016.
- Bengalur, Megha D.. Human Activity Recognition Using Body Pose Features and Support Vector Machine. International Conference on Advances in Computing Communications and Informatics (ICACCI). pp 1970-1975. 2013
- Billah, Ersandi. Pengertian dan Tahap Metode SDLC Waterfall. <https://medium.com/@ersandibillah03/sdlc-waterfall-3a3c893be77b>, 21 February 2020.

- Cardinaux, F., D. Bhowmik, C. Abhayaratne, M.S. Hawley. Video based technology for ambient assisted living: a review of the literature. J. Ambient Intell. Smart Environ. 3(3):253–269. 2011
- Ciresan, Dan C., Ueli Meier, Jonathan Masci, Luca M. Gambardella, Jurgen Schmidhuber. Flexible, High Performance Convolutional Neural Networks for Image Classification. In Intl. Joint Conference on Artificial Intelligence IJCAI. pages 1237–1242. 2011
- Franco, Annalisa, Antonio Magnani, Dario Maio. A multimodal approach for human activity recognition based on skeleton and RGB data. Pattern Recognition Letters. Volume 131:293-299. 2020
- GoogleDeveloper. Jaringan Neural Multikelas: Softmax. <https://developers.google.com/machine-learning/crash-course/multi-class-neural-networks/softmax?hl=id>, 17 Maret 2020.
- Gotama, Felix. Pendeteksian dan Pengenalan Wajah dengan Adaboost dan Convolutional Neural Network. Program Studi Teknik Informatika, Universitas Tarumanagara (Skripsi tidak dipublikasikan). 2019.
- Ilahiyah, Sarirotul, Nilogiri, Agung. Implementasi Deep Learning Pada Identifikasi Jenis Tumbuhan Berdasarkan Citra Daun Menggunakan Convolutional Neural Network. JUSTINDO (Jurnal Sistem & Teknologi Informasi Indonesia). Vol. 3, No. 2. p-ISSN : 2502-5724; e-ISSN: 2541-5735. 2018.

Iriyanto, S.Y. dan Zaini, T.M.. Pengolahan Citra Digital. Anugerah Utama Raharja. h.2. 2014.

Komang, Mandira G A., Surya, Michrandi N., Ratna, Astuti N.. Human activity recognition using skeleton data and support vector machine. The 2nd International Conference on Data and Information Science. 2019.

KOUSTUBH. ResNet, AlexNet, VGGNet, Inception: Understanding various architectures of Convolutional Networks. <https://cv-tricks.com/cnn/understand-resnet-alex-net-vgg-inception/>, 16Maret 2020.

Krizhevsky, Alex, Ilya Sutskever, and Hinton Geoffrey E. ImageNet Classification with Deep Convolutional Neural Networks. Advances in Neural Information Processing Systems 25 (NIPS 2012). 2012.

Marie. how does motion detection work?. [https://www.videosurveillance.com/blog/technology/how\\_does\\_motion\\_detection\\_work.asp](https://www.videosurveillance.com/blog/technology/how_does_motion_detection_work.asp), 16 Maret 2020.

Nayak, Sunita. Understanding AlexNet. <https://www.learnopencv.com/understanding-alexnet/>, 13 Juni 2018.

Novyantika, Rizky Dwi. Deteksi Tanda Nomor Kendaraan Bermotor Pada Media Streaming Dengan Algoritma Convolutional Neural Network Menggunakan Tensorflow. Jurusan Statistika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Islam Indonesia. 2018.

- Nurhikmat, Triano. Implementasi Deep Learning Untuk Image Classification Menggunakan Algoritma Convolutional Neural Network (Cnn) Pada Citra Wayang Golek. Program Studi Statistika Fakultas Matematika Dan Ilmu Pengetahuan Alam. 2018
- Pangestu, Muftah Afrizal, Bunyamin, Hendra. Analisis Performa dan Pengembangan Sistem Deteksi Ras Anjing pada Gambar dengan Menggunakan Pre-Trained CNN Model, Jurnal Teknik Informatika dan Sistem Informasi. Volume 4(2). 2018.
- Rho, S., G. Min, and W. Chen. Engineering Applications of Artificial Intelligence Advanced issues in artificial intelligence and pattern recognition for intelligent surveillance system in smart home environment. Engineering Applications of Artificial Intelligence. 25(7):1299–1300. 2012
- S, Gaglio, Re GL, Morana. M. Human Activity Recognition Process Using 3-D Posture Data. IEEE Trans. Human-Machine Systems. pp 586-97. 2014
- Salam, Eko Junaidi. K-Means Clustering. <https://ekojunaidisalam.com/2017/02/09/k-means-clustering-algorithm>, 9 Februari 2017.
- Sena, Samuel. Pengenalan Deep Learning Part 7: Convolutional Neural Network (CNN). <https://medium.com/@samuelsena/pengenalan-deep-learning-part-7-convolutional-neural-network-cnn-b003b477dc94>, 13 November 2017.

- Shrivastava, Rashmi, Manju Pandey. Human Activity Recognition by Analysis of Skeleton Joint Position in Internet of Things (IOT) Environment. Indian Journal of Science and Technology. Vol 10 No. 16. 2017.
- Slijepcevic, Djordje. Deep Learning with Tensorflow: AlexNet. [http://cvml.ist.ac.at/courses/DLWT\\_W17/material/AlexNet.pdf](http://cvml.ist.ac.at/courses/DLWT_W17/material/AlexNet.pdf), 30 November 2017.
- Sofia, Nadhifa. CONVOLUTIONAL NEURAL NETWORK. <https://medium.com/@nadhifasofia/1-convolutional-neural-network-convolutional-neural-network-merupakan-salah-satu-metode-machine-28189e17335b>, 9 Juni 2018.
- Tasci, Tugce, Kim, Kyunghee. ImageNet Classification with Deep Convolutional Neural Networks.[http://vision.stanford.edu/teaching/cs231b\\_spring1415/slides/alexnet\\_tugce\\_kyunghee.pdf](http://vision.stanford.edu/teaching/cs231b_spring1415/slides/alexnet_tugce_kyunghee.pdf), 18 Mei 2015.
- UkuranDanSatuan. Apa Itu Rasio Aspek (Aspect Ratio) Suatu Gambar?. [Http://ukurandansatuan.com/apa-itu-rasio-aspek-aspect-ratio-suatu-gambar.html](http://ukurandansatuan.com/apa-itu-rasio-aspek-aspect-ratio-suatu-gambar.html), 14 Juli 2016.
- Viola, Paul, and Jones, Michael. Robust Real-time Object Detection. International Journal of Computer Vision. 57(2). 2001.
- Wikipedia. Motion Recognition. [https://en.wikipedia.org/wiki/Gesture\\_recognition](https://en.wikipedia.org/wiki/Gesture_recognition), 1 Februari 2020.
- Wikipedia. Televisi sirkuit tertutup. [https://id.wikipedia.org/wiki/Televisi\\_sirkuit\\_tertutup](https://id.wikipedia.org/wiki/Televisi_sirkuit_tertutup), 24 Februari 2020.