

DAFTAR PUSTAKA

- Ali, A. S. O., Sagayan, V., Saeed, A. M., Ameen, H., Aziz, A. (2015). *Age-invariant face recognition system using combined shape and texture features*. IET Biometrics, 4(2), 98–115.
- Annadurai, S. (2007). *Fundamentals of digital image processing*. Pearson Education India.
- Aaron, S. (2016). *A CNN Cascade for Landmark Guided Semantic Part Segmentation*. Proceedings of ECCV 2016 Workshops, Geometry meets Deep Learning
- Bebis, G., Egbert, D., Shah, M. (2003). Review of computer vision education. IEEE Transactions on Education, 46(1), 2-21.
- Boddeti, V. N., Smereka, J. M., Kumar, B. V. (2011). A comparative evaluation of iris and ocular recognition methods on challenging ocular images. In 2011 International Joint Conference on Biometrics (IJCB) (pp. 1-8). IEEE.
- Bouchaffra, D. (2012). *Mapping Dynamic Bayesian Networks to α -Shapes: Application to Human Faces Identification Across Ages*. IEEE transactions on neural networks and learning systems, 23(8), 1229–1241.
- Bradski, G., Kaehler, A. (2008). *Learning OpenCV: Computer vision with the OpenCV library*. " O'Reilly Media, Inc."
- Browne, M., Ghidary, S. S. (2003). *Convolutional neural networks for image processing: an application in robot vision*. In Australasian Joint Conference on Artificial Intelligence (pp. 641-652). Springer, Berlin, Heidelberg.
- Chen, Y., Zhao, X., Jia, X. (2015). Spectral spatial classification of hyperspectral data based on deep belief network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 8(6).
- Dewangan, Shailendra Kumar. "Importance Applications of Digital Image Processing." International Journal of Computer Science Engineering Technology (IJCSET) 7.7 (2016): 316-320.
- Chen, L., Zhang, H., Xiao, J., Nie, L., Shao, J., Liu, W., Chua, T. S. (2017). Sca-cnn: Spatial and channel-wise attention in convolutional networks for image captioning.

- In Proceedings of the IEEE conference on computer vision and pattern recognition (pp. 5659-5667)
- Gong, D., Li, Z., Lin, D., Liu, J., Tang, X. (2013). *Hidden factor analysis for age invariant face recognition*. In Proceedings of the IEEE international conference on computer vision (pp. 2872-2879).
- Goswami, G., Vatsa, M., Singh, R. (2014). RGB-D face recognition with texture and attribute features. *IEEE Transactions on Information Forensics and Security*, 9(10).
- Ling, Haibin, et al. 2010. *Face verification across age progression using discriminative methods*. *IEEE Transactions on Information Forensics and security* 5.1 hal. 82-91.
- Math, K.J., Science, C., Beograd, N. dan October, R., 2009, IMAGE PRE-PROCESSING TOOL Olga Miljkovi, College of Computer Science, Megatrend University of Belgrade.
- Mishra, V.K., Kumar, S. dan Shukla, N., 2017, Image Acquisition and Techniques to Perform Image Acquisition, *A Journal of Physical Sciences, Engineering and Technology*, [Online] 9 (01), tersedia di DOI:10.18090/samriddhi.v9i01.8333.
- Nath, S. S., Mishra, G., Kar, J., Chakraborty, S., Dey, N. (2014, July). A survey of image classification methods and techniques. In 2014 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT) (pp. 554-557). IEEE.
- Neethu, N.J., 2015, Role of Computer Vision in Automatic Inspection System, [Online] 123 (13), tersedia di DOI:10.5120/ijca2015905603.
- Nimbarte, M., Bhoyar, K. (2018). Age Invariant Face Recognition using Convolutional Neural Network. *International Journal of Electrical and Computer Engineering*, 8(4), 2126.
- Ojala, T.(2002). Multiresolution gray-scale and rotation invariant texture classification with local binary patterns. *IEEE Transactions on Pattern Analysis Machine Intelligence*, (7).
- Pal, K. K., Sudeep, K. S. (2016). *Preprocessing for image classification by convolutional neural networks*. In 2016 IEEE International Conference on Recent Trends in

- Electronics, Information Communication Technology (RTEICT) (pp. 1778-1781). IEEE.
- Park, U., Tong, Y., Jain, A. K. (2008) . *Face recognition with temporal invariance: A 3d aging model*. In 2008 8th IEEE International Conference on Automatic Face Gesture Recognition (pp. 1–7). IEEE.
- Park, U., Jain, A. K. (2010). *Face matching and retrieval using soft biometrics*. IEEE Transactions on Information Forensics and Security, 5(3), 406-415.
- Park, U., Tong, Y., Jain, A. K. (2010). *Age-invariant face recognition*. IEEE transactions on pattern analysis and machine intelligence, 32(5), 947-954.
- Patel, P., Ganatra, A. (2014). *Investigate age invariant face recognition using PCA, LBP, Walsh Hadamard transform with neural network*. In International Conference on Signal and Speech Processing (ICSSP-14) (pp. 266–274).
- Prasetyo, E. (2014). Reduksi Dimensi Set Data dengan DRC pada Metode Klasifikasi SVM dengan Upaya Penambahan Komponen Ketiga. Prosiding SNATIF, 293-300.
- Pratt, W. K. (2007). *Digital image processing*, PIKS Scientific inside 4.
- Qazanfari, K., Aslanzadeh, R. dan Rahmati, M., 2017, *An Efficient Evolutionary Based Method For Image Segmentation*, [Online]tersedia di <http://arxiv.org/abs/1709.04393>
- Stutz, D. (2014). Understanding convolutional neural networks. In Seminar Report, Fakultät für Mathematik, Informatik und Naturwissenschaften Lehr- und Forschungsgebiet Informatik VIII Computer Vision.
- Viola, P., Jones, M. (2001). Rapid object detection using a boosted cascade of simple features. CVPR (1), 1, 511-518.
- Wang, Y., Gong, D., Zhou, Z., Ji, X., Wang, H., Li, Z., ... Zhang, T. (2018). *Orthogonal deep features decomposition for age-invariant face recognition*. In Proceedings of the European Conference on Computer Vision (ECCV) (pp. 738–753).
- Yadav, S., Shukla, S. (2016, February). *Analysis of k-fold cross-validation over hold-out validation on colossal datasets for quality classification*. In 2016 IEEE 6th International Conference on Advanced Computing (IACC) (pp. 78-83). IEEE.

Zhanpeng Zhang. *Facial Landmark Detection by Deep Multi-task Learning*. in 2014
Proceedings of European Conference on Computer Vision (ECCV).