

Daftar Pustaka

- [1] H. Momin and J. Tapamo, "A Comparative study of a Face Components based Model of Ethnic Classification using Gabor Filters," vol. 2265, no. 6, pp. 2255–2265, 2016.
- [2] Z. Li, Q. Zhang, X. Duan, and Y. Wang, "A Novel Semantic Approach for Multi-Ethnic Face Recognition," *Int. J. Pattern Recognit. Artif. Intell.*, vol. 32, no. 4, 2018, doi: 10.1142/S0218001418560050.
- [3] J. S. B. O. Granmo, and M. Goodwin, *Deep CNN-ELM Hybrid Models for Fire*, vol. 1. Springer International Publishing, 2018.
- [4] N. Dokhi, Muhammad: Siagian, Theodora H: Sukim; Wulansari, Ika.Y:Hadi, Dwi W: Sambodo, "Analisis Kearifan Lokal Ditinjau dari Keragaman Budaya," *PDSPK Kemendikbud RI*, pp. 1–67, 2016, [Online]. Available: http://publikasi.data.kemdikbud.go.id/uploadDir/isi_F9B76ECA-FD28-4D62-BCAE-E89FEB2D2EDB_.pdf.
- [5] P. Prathusha and S. Jyothi, "Moving Object Tracking and Detection Based on Kalman Filter and Saliency Mapping," *Data Eng. Intell. Comput.*, vol. 542, no. January, pp. 283–291, 2018, doi: 10.1007/978-981-10-3223-3.
- [6] A. S. Mohammad and J. A. Al-Ani, "Towards ethnicity detection using learning based classifiers," *2017 9th Comput. Sci. Electron. Eng. Conf. CEEC 2017 - Proc.*, pp. 219–224, 2017, doi: 10.1109/CEEC.2017.8101628.
- [7] H. F. Rasyid, K. N. Ramadhani, and F. Sthevanic, "Mongoloid and non-mongoloid race classification from face image using Local Binary Pattern feature extractions," *2018 6th Int. Conf. Inf. Commun. Technol. ICoICT 2018*, vol. 0, no. c, pp. 329–332, 2018, doi: 10.1109/ICoICT.2018.8528783.
- [8] A. Rehman, G. Khan, A. Siddiqi, A. Khan, and U. G. Khan, "Modified texture features from histogram and gray level co-occurrence matrix of facial data for ethnicity detection," *5th Int. Multi-Topic ICT Conf. Technol. Futur. Gener. IMTIC 2018 - Proc.*, pp. 1–6, 2018, doi: 10.1109/IMTIC.2018.8467231.
- [9] A. Boyseens and S. Viriri, *Component-Based Ethnicity Identification from Facial Images*, vol. 9972. Cham: Springer International Publishing, 2016.
- [10] E. Kremic and A. Subasi, "Performance of random forest and SVM in face recognition," *Int. Arab J. Inf. Technol.*, vol. 13, no. 2, pp. 287–293, 2016.
- [11] S. Suyanto, A. Arifianto, A. Sirwan, and A. P. Rizaendra, "End-to-End Speech Recognition Models for a Low-Resourced Indonesian Language," in *2020 8th International Conference on Information and Communication Technology (ICoICT)*, 2020.
- [12] C. Wang, Q. Zhang, W. Liu, Y. Liu, and L. Miao, "Facial feature discovery for ethnicity recognition," no. July, pp. 1–17, 2018, doi: 10.1002/widm.1278.
- [13] Z. Zhao and A. Kumar, "Improving Periocular Recognition by Explicit Attention to Critical Regions in Deep Neural Network," vol. 6013, no. c, pp. 1–15, 2018, doi: 10.1109/TIFS.2018.2833018.
- [14] S. H. S. Al-Kilidar and L. E. George, "Texture recognition using co-occurrence matrix features and neural network," *J. Theor. Appl. Inf. Technol.*, vol. 95, no. 21, pp. 5949–5961, 2017.
- [15] Z. Abbas, M. U. Rehman, S. Najam, and S. M. Danish Rizvi, "An Efficient Gray-Level Co-Occurrence Matrix (GLCM) based Approach Towards Classification of Skin Lesion," *Proc. - 2019 Amity Int. Conf. Artif. Intell. AICAI 2019*, pp. 317–320, 2019, doi: 10.1109/AICAI.2019.8701374.
- [16] E. H. Mageed and H. R. Mohammed, "Novel System for Face Recognition Based on SVD and GLCM," vol. 13, no. 9, pp. 4657–4670, 2017.
- [17] F. Bianconi, F. Smeraldi, M. Abdollahyan, and P. Xiao, "On the use of skin texture features for gender recognition: An experimental evaluation," *2016 6th Int. Conf. Image Process. Theory, Tools Appl. IPTA 2016*, 2017, doi: 10.1109/IPTA.2016.7821018.
- [18] J. Zhou, X. Gan, L. Tian-wei, and X. Jian-hou, "A New Fusion Approach for Content Based Image Retrieval With Color Histogram and Local Directional Pattern," *Int. J. Mach. Learn. Cybern.*, 2016, doi: 10.1007/s13042-016-0597-9.
- [19] A. Seal, D. Bhattacharjee, and M. Nasipuri, "Human Face Recognition Using Random Forest Based Fusion of à-trous Wavelet Transform Coefficients from Thermal and Visible Images," *AEUE - Int. J. Electron. Commun.*, no. May, 2016, doi: 10.1016/j.aeue.2016.04.016.
- [20] S. Yadav and S. Shukla, "Analysis of k-Fold Cross-Validation over Hold-Out Validation on Colossal Datasets for Quality Classification," *Proc. - 6th Int. Adv. Comput. Conf. IACC 2016*, no. Cv, pp. 78–83, 2016, doi: 10.1109/IACC.2016.25.
- [21] T. Gunasegaran and Y. N. Cheah, "Evolutionary cross validation," *ICIT 2017 - 8th Int. Conf. Inf. Technol. Proc.*, pp. 89–95, 2017, doi: 10.1109/ICITECH.2017.8079960.
- [22] T. S. A. Sukiman, "Feature Extraction Method GLCM and LVQ in Digital Image-Based Face Recognition," vol. 4, no. 1, pp. 1–4, 2019.
- [23] S. Yahia and Y. Ben Salem, "3D Face Recognition Using Local Binary Pattern and Grey Level Co-occurrence Matrix," *2016 17th Int. Conf. Sci. Tech. Autom. Control Comput. Eng.*, vol. 1, no. 00110001,

- pp. 328–338, 2016, doi: 10.1109/STA.2016.7952047.
- [24] U. D. Dixit and M. S. Shirdhonkar, “Face-based Document Image Retrieval System,” *Procedia Comput. Sci.*, vol. 132, pp. 659–668, 2018, doi: 10.1016/j.procs.2018.05.065.
- [25] N. Ali, A. Nazir, R. Ashraf, and T. Hamdani, “Content Based Image Retrieval System by using HSV Color Histogram , Discrete Wavelet Transform and Edge Histogram Descriptor,” 2018, doi: 10.1109/ICOMET.2018.8346343.
- [26] H. Du, S. H. Salah, and H. O. Ahmed, “A color and texture based multi-level fusion scheme for ethnicity identification,” *Mob. Multimedia/Image Process. Secur. Appl. 2014*, vol. 9120, no. August, p. 91200B, 2014, doi: 10.1117/12.2057722.
- [27] M. A. Syakur, B. K. Khotimah, E. M. S. Rochman, and B. D. Satoto, “Integration K-Means Clustering Method and Elbow Method for Identification of the Best Customer Profile Cluster,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 336, no. 1, 2018, doi: 10.1088/1757-899X/336/1/012017.
- [28] M. Sokolova, N. Japkowicz, and S. Szpakowicz, “Beyond Accuracy, F-score and ROC: a Family of Discriminant Measures for Performance Evaluation,” *AI 2006 Adv. Artif. Intell.*, vol. 4304, no. 1, 2006, doi: 10.1007/11941439.
- [29] J. Y. Okamura, “Situational ethnicity,” *Ethn. Racial Stud.*, vol. 4, no. 4, pp. 452–465, 1981, doi: 10.1080/01419870.1981.9993351.
- [30] A. J. Pitoyo and H. Triwahyudi, “Dinamika Perkembangan Etnis di Indonesia dalam Konteks Persatuan Negara,” *Populasi*, vol. 25, no. 1, p. 64, 2018, doi: 10.22146/jp.32416.
- [31] X. Zhang, J. Cui, W. Wang, and C. Lin, “A study for texture feature extraction of high-resolution satellite images based on a direction measure and gray level co-occurrence matrix fusion algorithm,” *Sensors (Switzerland)*, vol. 17, no. 7, 2017, doi: 10.3390/s17071474.
- [32] B. Pathak and D. Barooah, “Gray-Level Co-Occurrence Matrix Considering Possible,” *Matrix*, vol. 2, no. 9, pp. 4206–4212, 2013, [Online]. Available: http://www.ijareeie.com/upload/2013/september/7_-TEXTURE.pdf.
- [33] S. Kolkur, D. Kalbande, P. Shimpi, C. Bapat, and J. Jatakia, “Human Skin Detection Using RGB , HSV and YCbCr Color Models,” vol. 137, pp. 324–332, 2017, doi: 10.2991/iccasp-16.2017.51.
- [34] U. Erkut, F. Bostancioglu, and M. Erten, “HSV Color Histogram Based Image Retrieval with Background Elimination,” 2019, doi: 10.1109/UBMYK48245.2019.8965513.
- [35] Y. C. See, N. N.M., J. L. Low, and E. Liew, “Investigation of Face Recognition Using Gabor Filter With Random Forest As Learning Framework,” pp. 1153–1158, 2017, doi: 10.1109/TENCON.2017.8228031.
- [36] A. Tharwat, “Parameter investigation of support vector machine classifier with kernel functions,” *Knowl. Inf. Syst.*, vol. 61, no. 3, pp. 1269–1302, 2019, doi: 10.1007/s10115-019-01335-4.