

DAFTAR PUSTAKA

- [1] S. M. Nikam and C. Y. Patil, "Glaucoma detection from fundus images using matlab gui," *Proc. - 2017 3rd Int. Conf. Adv. Comput. Commun. Autom. (Fall), ICACCA 2017*, 2018.
- [2] N. N. Osborne, "Glaucoma: An Open-Window to Neurodegeneration and Neuroprotection". Progress In Brain Research, 2008, vol. 173.
- [3] Y.-c. Tham, X. Li, T. Y. Wong, H. A. Quigley, T. Aung, F. Ed, and C.-y. Cheng, "Global prevalence of glaucoma and projections of glaucoma burden through 2040 a systematic review and meta-analysis," *Ophthalmology*, vol. 121, pp. 2081–2090, 2020.
- [4] R. Munarto, E. Permata, and I. G. A. T, "Klasifikasi glaucoma menggunakan cup-to-disc ratio dan neural network," *Simposium Nasional RAPI XV - 2016 FT UMS*, pp. 370–378, 2016.
- [5] K. Choudhary and T. Shamik, "Ann glaucoma detection using cup-to-disk ratio and neuroretinal rim," *International Journal of Computer Applications (0975 – 8887)*, vol. 111, pp. 8–14, 2015.
- [6] M. Lotankar, K. Noronha, and J. Koti, "Detection of optic disc and cup from color retinal images for automated diagnosis of glaucoma," *2015 IEEE UP Section Conference on Electrical Computer and Electronics, UPCON 2015*, 2016.
- [7] W. Ruengkitpinyo, P. Vejjanugraha, W. Kongprawechnon, T. Kondo, P. Bunnun, and H. Kaneko, "An automatic glaucoma screening algorithm using cup-to-disc ratio and isnt rule with support vector machine," *IECON 2015 - 41st*

Annual Conference of the IEEE Industrial Electronics Society, pp. 000 517–000 521, 2015.

- [8] A. Agarwal, S. Gulia, S. Chaudhary, M. K. Dutta, C. M. Travieso, and J. B. Alonso-Hernandez, “A novel approach to detect glaucoma in retinal fundus images using cup-disk and rim-disk ratio,” *IWOBI 2015 - 2015 International Work Conference on Bio-Inspired Intelligence: Intelligent Systems for Biodiversity Conservation, Proceedings*, pp. 139–144, 2015.
- [9] S. Vlad, S. Demea, H. Demea, and R. Holonec, “Neural network classifier for glaucoma diagnosis,” *2015 E-Health and Bioengineering Conference, EHB 2015*, pp. 1–4, 2016.
- [10] T. M. Gayathri Devi, S. Sudha, and P. Suraj, “Artificial neural networks in retinal image analysis,” *2015 3rd International Conference on Signal Processing, Communication and Networking, ICSCN 2015*, 2015.
- [11] A. Soltani, T. Battikh, I. Jabri, Y. Mlouhi, and M. N. Lakhoua, “Study of contour detection methods as applied on optic nerve’s images for glaucoma diagnosis,” *International Conference on Control, Decision and Information Technologies, CoDIT 2016*, pp. 83–87, 2016.
- [12] R. Bock, J. Meier, L. G. Nyúl, J. Hornegger, and G. Michelson, “Glaucoma risk index:automated glaucoma detection from color fundus images,” *Medical Image Analysis*, vol. 14, pp. 471–481, 2010.
- [13] H. Ahmad, A. Yamin, A. Shakeel, S. O. Gillani, and U. Ansari, “Detection of glaucoma using retinal fundus images,” *Medical Image Analysis*, pp. 321–324, 2014.
- [14] M. S. Haleem, L. Han, J. van Hemert, B. Li, A. Fleming, L. R. Pasquale, and B. J. Song, “A novel adaptive deformable model for automated optic disc and

- cup segmentation to aid glaucoma diagnosis,” *Journal of Medical Systems*, vol. 42, 2018.
- [15] P. Das, S. R. Nirmala, and J. P. Medhi, “Detection of glaucoma using neuroretinal rim information,” *2016 International Conference on Accessibility to Digital World, ICADW 2016 - Proceedings*, pp. 181–186, 2017.
- [16] D. Putra, “*Pengolahan Citra Digital*”. C.V Andi Offset, 2010.
- [17] R. C. Gonzalez, R. E. Woods, and P. Hall, “*Digital Image Processing*”. Prentice Hall, 2002.
- [18] S. J. Sangwine, “Colour in image processing,” *Electronics Communication Engineering Journal*, pp. 211–219, 2000.
- [19] T. Kumar and K. Verma, “A theory based on conversion of rgb image to gray image a theory based on conversion of rgb image to gray image,” *International Journal of Computer Applications (0975 – 8887)*, vol. 7, pp. 6–10, 2010.
- [20] I. Onur and A. Celebi, “Image histogram equalizer hardware implementation using high level sythesis,” *Proceedings of Academicsera International Conference, Istanbul, Turkey*, pp. 6–10, 2017.
- [21] I. K. G. D. Putra¹ and I. G. Suarjana, “Segmentasi citra retina digital retinopati diabetes untuk membantu pendeteksian mikroaneurisma,” *Teknologi Elektro*, vol. 9, 2010.
- [22] I. Setiawan, W. Dewanta, H. A. Nugroho, and H. Supriyono, “Pengolah citra dengan metode thresholding dengan matlab r2014a,” *Jurnal Media Infotama*, vol. 5, 2019.
- [23] E. Putri, “Pengujian citra jeruk baby untuk mengetahui area cacat menggunakan klasifikasi pixel,” vol. 7, pp. 73–79, 2018.

- [24] J. Rogowska, "Overview and fundamentals of medical image segmentation," *Handbook Of Medical Imaging Processing And Analysis*, pp. 69–85.
- [25] F. Fahrianto, A. Agusta, and A. T. Muharam, "Pendeteksian posisi plat nomor mobil menggunakan metode morfologi operasi dilasi, filling holes, dan opening," *Jurnal Teknik Informatika*, vol. 8, pp. 10–15, 2015.
- [26] S. H. Aswariningsih, A. ZanalArifinl, and A. Yuniartil, "Estimasi bentuk *structuring element* berdasar representasi obyek," *Jurnal Ilmiah KURSOR*, vol. 5, pp. 157–165, 2010.
- [27] R. Srisha and A. Khan, "Morphological operations for image processing : Understanding and its applications," *NCVSComs-13 Conference Proceedings*, 2013.
- [28] B. Suteja, Renaldy, "Penerapan jaringan saraf tiruan propagasi balik studi kasus pengenalan jenis kopi," *Jurnal Informatika*, vol. 3, pp. 49–62, 2007.
- [29] J. Larsen, *Introduction to Artificial Neural Networks*. Department Of Mathematical Modelling Technical University Of Denmark, 1999.
- [30] Z. F. M. Ramli, I. Wijayanto, and S. Hadiyoso, "Deteksi kondisi konsentrasi berdasarkan sinyal eeg dengan stimulasi menghafal al-quran detection of concentration conditions based on eeg signals with the stimulation of al-quran recitation," *e-Proceeding of Engineering*, vol. 5, pp. 4683–4690, 2018.
- [31] U. N. Wisesty, K. Adiwijaya, T. Agung, and B. Wirayuda, "Algoritma conjugate gradient polak ribiere untuk peningkatan performansi backproagation pada sistem prediksi temperatur udara," *Jurnal Penelitian dan Pengembangan TELEKOMUNIKASI*, pp. 1–5, 2010.