



DAFTAR PUSTAKA

- Affandi, E.S., 2006. Data Concerning Primary Angle Closure Glaucoma in Indonesia. , 39(3), hal.142–148.
- Ahmad, H., Yamin, A., Shakeel, A., Gillani, S.O. dan Ansari, U., 2014. Detection of glaucoma using retinal fundus images. In *2014 International Conference on Robotics and Emerging Allied Technologies in Engineering (iCREATE)*. IEEE, hal. 321–324.
- Ahmed, M.I. dan Amin, M.A., 2015. High speed detection of optical disc in retinal fundus image. *Signal, Image and Video Processing*, 9(1), hal.77–85.
- Aquino, A., Gegúndez-arias, M.E. dan Marín, D., 2010. Detecting the Optic Disc Boundary in Digital Fundus Feature Extraction Techniques. *IEEE Transactions on Medical Imaging*, 29(11), hal.1860–1869.
- Bourne, R.R.A., 2006. Glossary The Optic Nerve Head in Glaucoma. *Community Eye Health Journal*, 19(59), hal.44–45.
- Cheng, J. dkk., 2013. Superpixel Classification Based Optic Disc and Optic Cup Segmentation for Glaucoma Screening. *IEEE Transactions on Medical Imaging*, 32(6), hal.1019–1032.
- Cheng, J., Tao, D., Liu, J., Wong, D.W.K., Tan, N., Wong, T.Y. dan Saw, S.M., 2012. Peripapillary Atrophy Detection by Sparse Biologically Inspired Feature Manifold. *IEEE Transactions on Medical Imaging*, 31(12), hal.2355–2365.
- Choplin, N.T. dan Lundy, D.C. ed., 2007. *Atlas of Glaucoma* Second Edi., London: Informa Healthcare.
- Chrastek, R. dkk., 2005. Automated Segmentation of The Optic Nerve Head for Diagnosis of Glaucoma. *Medical Image Analysis*, 9(4), hal.297–314.
- Dash, R., Paramguru, R.L. dan Dash, R., 2011. Comparative Analysis of Supervised and Unsupervised Discretization Techniques. *International Journal of Advances in Science and Technology*, 2(3), hal.29–37.
- Dutta, M.K., Mourya, A.K., Singh, A., Parthasarathi, M., Burget, R. dan Riha, K., 2014. Glaucoma detection by segmenting the super pixels from fundus colour retinal images. In *2014 International Conference on Medical Imaging, m-Health and Emerging Communication Systems (MedCom)*. IEEE, hal. 86–90.
- Emrullah, A., 2016. Extraction of Texture Features From Local Iris Areas By Glcm And Iris Recognition System Based on KNN. *European Journal of Technic*, 6(1), hal.44–52.



- Fahrerozi, A., Madenda, S., Ernastuti dan Kerami, D., 2016. Wood classification based on edge detections and texture features selection. *International Journal of Electrical and Computer Engineering*, 6(5), hal.2167–2175.
- Fingeret, M., Medeiros, F.A., Susanna, R. dan Weinreb, R.N., 2005. Five Rules to Evaluate The Optic Disc and Retinal Nerve Fiber Layer for Glaucoma. *OPTOMETRY*, 76(11).
- Fondón, I., Núñez, F., Tirado, M. dan Jiménez, S., 2012. Automatic Cup-to-Disc Ratio Estimation Using Active Contours and Color Clustering in Fundus Images for Glaucoma Diagnosis. In *International Conference on Image Analysis and Recognition*. Springer, hal. 390–399.
- Fraga, A., Barreira, N., Ortega, M., Penedo, M.G. dan Carreira, M.J., 2012. Precise Segmentation of the Optic Disc in Retinal Fundus Images. In *Computer Aided Systems Theory -- EUROCAST 2011: 13th International Conference, Las Palmas de Gran Canaria, Spain, February 6-11, 2011, Revised Selected Papers, Part I*. Springer-Verlag Berlin Heidelberg, hal. 584–591.
- Fumero, F., Alayon, S., Sanchez, J.L., Sigut, J. dan Hernandez, G.M., 2011. RIM-ONE : An Open Retinal Image Database for Optic Nerve Evaluation. *Proceedings of the 24th International Symposium on Computer-Based Medical Systems (CBMS)*, hal.2–7.
- Gazarek, J., Jan, J., Kolar, R. dan Odstrcilik, J., 2011. Retinal Nerve Fibre Layer Detection in Fundus Camera Images Compared to Results from Optical Coherence Tomography. In *International Conference on Image Information Processing (ICIIP 2011)*.
- Gonzalez, R.C. dan Woods, R.E., 2007. *Digital Image Processing Third Edition*,
- Haleem, M.S., Han, L., van Hemert, J. dan Li, B., 2013. Automatic extraction of retinal features from colour retinal images for glaucoma diagnosis: A review. *Computerized Medical Imaging and Graphics*, 37(7–8), hal.581–596.
- Hall, M., 1999. *Correlation-based Feature Selection for Machine Learning*.
- Hatanaka, Y., Fukuta, K., Muramatsu, C., Sawada, A., Hara, T., Yamamoto, T. dan Fujita, H., 2009. Automated Measurement of Cup-to-Disc Ratio for Diagnosing Glaucoma in Retinal Fundus Images. In *IFMBE Proceedings 25/XI*. hal. 198–200.
- Ho, C. dan Pai, T., 2011. An automatic fundus image analysis system for clinical diagnosis of glaucoma. In *International Conference on Complex, Intelligent, and Software Intensive Systems*. hal. 559–564.
- Hoffmann, E.M., Zangwill, L.M., Crowston, J.G. dan Weinreb, R.N., 2007. Optic Disk Size and Glaucoma. *SURVEY OF OPHTHALMOLOGY*, 52(1), hal.32–



49.

- Joshi, G.D., Sivaswamy, J. dan Krishnadas, S.R., 2010. Optic Disk and Cup Segmentation from Monocular Colour Retinal Images for Glaucoma Assessment. *IEEE TRANSACTIONS ON MEDICAL IMAGING*, hal.1–14.
- Joshi, G.D., Sivaswamy, J., Prashanth, R. dan Krishnadas, S.R., 2012. Detection of Peri-Papillary Atrophy and RNFL Defect from Retinal Images. In *9th International Conference, ICIAR 2012*. Aveiro, Portugal: Springer Berlin Heidelberg, hal. 400–407.
- Jun Cheng, Jiang Liu, Wong, D.W.K., Fengshou Yin, Cheung, C., Baskaran, M., Tin Aung dan Tien Yin Wong, 2011. Automatic optic disc segmentation with peripapillary atrophy elimination. In *2011 Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. Boston, Massachusetts USA: IEEE, hal. 6224–6227.
- Kavitha, S., Karthikeyan, S. dan Duraiswamy, K., 2010. Early Detection of Glaucoma in Retinal Images Using Cup to Disc Ratio. In *International conference on Computing, Communication and Networking Technologies*. hal. 2–6.
- Khalid, N.E., Noor, N.. dan Ariff, N., 2014. Fuzzy c-Means (FCM) for Optic Cup and Disc Segmentation with Morphological Operation. *Procedia Computer Science*, 42, hal.255–262.
- Kolar, R. dan Jan, J., 2008. Detection of Glaucomatous Eye via Color Fundus Images Using Fractal Dimensions. *RADIOENGINEERING*, 17(3), hal.109–114.
- Kotsiantis, S.B., 2007. Supervised machine learning: A review of classification techniques. *Informatica*, 31, hal.249–268.
- Krieglstein, G.. dan Weinreb, R., 2009. *Glaucoma Progress III (Essentials In Ophthalmology)* F. Grehn & R. Stamper, ed., Berlin Heidelberg: Springer-Verlag.
- Lee, B. dkk., 2010. Fusion of pixel and texture features to detect pathological myopia. *Proceedings of the 2010 5th IEEE Conference on Industrial Electronics and Applications, ICIEA 2010*, hal.2039–2042.
- Liu, J. dkk., 2010. Detection of Pathological Myopia by PAMELA with Texture-Based Features through an SVM Approach. *Journal of Healthcare Engineering*, 1(1), hal.1–12.
- Lu, C., Tang, T.B. dan Murray, A.F., 2010. Automatic Parapapillary Atrophy Shape Detection and Quantification in Colour Fundus Images. In *Biomedical Circuits and Systems Conference (BioCAS)*. hal. 86–89.



- Marin, D., Gegundez-Arias, M.E., Suero, A. dan Bravo, J.M., 2015. Obtaining optic disc center and pixel region by automatic thresholding methods on morphologically processed fundus images. *Computer Methods and Programs in Biomedicine*, 118(2), hal.173–185.
- Mary, M.C.V.S., Rajsingh, E.B., Jacob, J.K.K., Anandhi, D., Amato, U. dan Selvan, S.E., 2015. An empirical study on optic disc segmentation using an active contour model. *Biomedical Signal Processing and Control*, 18, hal.19–29.
- Mittapalli, P.S. dan Kande, G.B., 2016. Segmentation of optic disk and optic cup from digital fundus images for the assessment of glaucoma. *Biomedical Signal Processing and Control*, 24, hal.34–46.
- Muramatsu, C., Hatanaka, Y., Sawada, A., Yamamoto, T. dan Fujita, H., 2011a. Computerized Detection of Peripapillary Chorioretinal Atrophy by Texture Analysis. In *33rd Annual International Conference of the IEEE EMBS*. Boston, Massachusetts USA, hal. 5947–5950.
- Muramatsu, C., Nakagawa, T. dan Sawada, A., 2009. Determination of cup and disc ratio of optical nerve head for diagnosis of glaucoma on stereo retinal fundus image pairs. In *Proc. of SPIE*. hal. 1–8.
- Muramatsu, C., Nakagawa, T., Sawada, A., Hatanaka, Y., Hara, T., Yamamoto, T. dan Fujita, H., 2011b. Automated Segmentation of Optic Disc Region on Retinal Fundus Photographs : Comparison of Contour Modeling and Pixel Classification Methods. *Computer Methods and Programs in Biomedicine*, 101(1), hal.23–32.
- Nayak, J. dan Acharya, U.R., 2009. Automated Diagnosis of Glaucoma Using Digital Fundus Images. *Journal Medical System*, 33, hal.337–346.
- Otsu, N., 1979. A threshold selection method from gray-level histograms. *IEEE Transactions on Systems, Man, and Cybernetics*, 9(1), hal.62–66.
- Pollack, I.P., 2003. *Glaucoma Science and Practice* I. P. Pollack & John C. Morrison, ed., Thieme Medical Publishers, Inc.
- Pourreza-shahri, R., Tavakoli, M. dan Kehtarnavaz, N., 2014. Computationally efficient optic nerve head detection in retinal fundus images. *Biomedical Signal Processing and Control*, 11, hal.63–73.
- Prageeth, P.G., David, J. dan Kumar, A.S., 2011. Early Detection of Retinal Nerve Fiber Layer Defects using Fundus Image Processing. In *2011 IEEE Recent Advances in Intelligent Computational Systems*. IEEE, hal. 930–936.
- Quigley, H.A., 1996. Number of people with glaucoma worldwide. *British journal of ophthalmology*, 80(5), hal.389–93.



Quigley, H.A. dan Broman, A.T., 2006. The Number of People with Glaucoma Worldwide in 2010 and 2020. *Br J Ophthalmol*, hal.262–267.

Sarathi, M.P., Dutta, M.K., Singh, A. dan Travieso, C.M., 2016. Blood vessel inpainting based technique for efficient localization and segmentation of optic disc in digital fundus images. *Biomedical Signal Processing and Control*, 25, hal.108–117.

Septiarini, A., Harjoko, A., Pulungan, R. dan Ekantini, R., 2016. Optic disc and cup segmentation by automatic thresholding with morphological operation for glaucoma evaluation. *Signal, Image and Video Processing*.

Shih, F.Y., 2010. *Image Processing and Pattern Recognition (Fundamental and Techniques)*,

Soh, L., Soh, L., Tsatsoulis, C. dan Member, S., 1999. Texture Analysis of SAR Sea Ice Imagery Using Gray Level Co-Occurrence Matrices. *Texture Analysis of SAR Sea Ice Imagery Using Gray Level Co-Occurrence Matrices*.

Susanna, R. dan Medeiros, F.A., 2006. *The Optic Nerve In Glaucoma* 2nd ed.,

Tan, N.M. dkk., 2009. Automatic detection of pathological myopia using variational level set. *Proceedings of the 31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society: Engineering the Future of Biomedicine, EMBC 2009*, hal.3609–3612.

Tjandrasa, H., Wijayanti, A. dan Suciati, N., 2012. Optic Nerve Head Segmentation Using Hough Transform and Active Contours. *TELKOMNIKA*, 10(3), hal.531–536.

Yin, F., Liu, J., Wing, D., Wong, K., Tan, N.M. dan Cheung, C., 2012a. Automated Segmentation of Optic Disc and Optic Cup in Fundus Images for Glaucoma Diagnosis. In *Computer-Based Medical Systems (CBMS), 2012 25th International Symposium on*.

Yin, F., Liu, J., Wong, D.W.K., Tan, N.M., Cheung, C., Baskaran, M., Aung, T. dan Wong, T.Y., 2012b. Automated Segmentation of Optic Disc and Optic Cup in Fundus Images for Glaucoma Diagnosis. *25th International Symposium on Computer-Based Medical Systems (CBMS)*, hal.1–6.

Yousefi, S. dkk., 2014. Glaucoma Progression Detection Using Structural Retinal Nerve Fiber Layer Measurements and Functional Visual Field Points. *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING*, 61(4), hal.1143–1154.