DAFTAR PUSTAKA

Agrawal, A., Bhatnagar, C. dan Jalal, A.S., 2013. A survey on automated *microaneurysm* detection in diabetic retinopathy retinal images. In *Proceedings of the 2013 International Conference on Information Systems and Computer Networks, ISCON 2013*. 24–29.

Ahmad,U.,2005, *Pengolahan Citra Digital &Teknik Pemrogramannya,*Graha Ilmu,Yogyakarta

Anonim, 2016, Kasus DM Terus Meningkat, *Kedaulatan Rakyat,* 28 November 2016, hal 1 dan hal 8

Anonim, 2015, Complication of Diabetes, *http://www.idf.org/complications-diabetes,* diakses tanggal 2 Agustus 2016 jam 20.32

Anonim,2015, Fact About Diabetic Eye Disease, *https://nei.nih.gov/health/diabetic/retinopathy,* diakses tanggal 3 Agustus 2016 jam 20.00

Boyd, K., What is Diabetic Retinopathy?, *https://www.aao.org/eye-health/diseases/what-is-diabetic-retinopathy,* diakses tanggal 28 Juli 2016 jam 09.02

Noerjanto,B.R.P., Savitri,Y., dan Putri, M.C. 2014. Sensitivitas , spesifisitas , dan akurasi pengukuran mental indeks pada radiografi panoramik wanita pascamenopause. *Dentomaxillofacial Radiology Dental Journal*. , 5,1, 8–13.

Das, V., Puhan, N.B. dan Panda, R. 2016. Entropy thresholding based *microaneurysm* detection in fundus images. *2015 5th National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics, NCVPRIPG 2015*.

E. Decencière, G. Cazuguel, X. Zhang, G. Thibault, J.-C. Klein, F. Meyer, B. Marcotegui, G. Quellec, M. Lamard, R. Danno. 2013. TeleOphta: Machine learning and image processing methods for teleophthalmology.IRBM, 34, 2, 196-203.

Gustianingsih, R. & Agmalaro, M.A., 2015. Penerapan Metode Jaringan Saraf Tiruan Propagasi Balik Untuk Mendiagnosis Tingkat Keganasan Kanker Payudara, *Skripsi*, Institut Pertanian Bogor, Bogor

Haldar, R., Aruchamy, S., Chatterjee, A., dan Bhattacharjee, P., 2016. Diabetic Retinopathy Image Enhancement using Vessel Extraction in Retinal Fundus Images by programming in Raspberry Pi Controller Board. , 37–42.

Indrayanti, L.R.,2015,Perbaikan Kualitas Dengan CLAHE dan Segmentasi Otomatis Dengan *Watershed Transformation* Pada Citra Bawah Air, *Tesis,*Fakultas Ilmu Pengetahuan Alam/Program Pasca Sarjana,Universitas Gadjah Mada,Yogyakarta

Kande, G.B., Savithri, T.S. dan Subbaiah, P.V., 2010. Automatic detection of *microaneurysm*s and hemorrhages in digital fundus images. *Journal of Digital Imaging*, 23,4, 430–437.

Karnowski, T.P., Govindasamy,P., Tobin,K.W., Chaum, E., dan Abramoff,M.D., 2008. Retina lesion and *microaneurysm* segmentation using morphological reconstruction methods with ground-truth data. *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference*, 2008, 5433–5436.

Karunanayake, N., Gnanasekera, M. dan Kodikara, N.D., 2015. An Improved Method for Optic Disc Localization. *International Journal of Computer Applications*, 128,13, 975–8887.

Kauppi, T., Kalesnykiene, V., Kamarainen, J.K., Lensu, L., Sorri, I., Raninen, A., Uusitalo, H., Kalviainen,H., dan Pietila,J., DIARETDB1 diabetic retinopathy database and evaluation protocol. , 1–18.

Langroudi, M.N. dan Sadjedi, H., 2010. A new method for automatic detection and diagnosis of retinopathy diseases in colour fundus images based on Morphology. *Bioinformatics and Biomedical Technology (ICBBT), 2010 International Conference on*, 134–138.

Noronha, K. dan Nayak, K.P., 2012. A Review of Fundus Image Analysis for the Automated Detection of Diabetic Retinopathy. *Journal of Medical Imaging and Health Informatics*, 2,3,.258–265.

Prentasic, P., Loncaric,S., Vatavuk,Z., Bencic, G., Subasic,M., Petkovic, T., Dujmovic, L., Malenica-Ravlic,M., Budimlija,N. dan Tadic,R. 2013. Diabetic Retinopathy Image Database(DRiDB): A new database for diabetic retinopathy screening programs research. *2013 8th International Symposium on Image and Signal Processing and Analysis (Ispa)*, 711, 711–716.

Purwita, A. dan Adityowibowo, K., 2011. Automated *Microaneurysm* Detection using Mathematical Morphology. *International Conference on Instrumentation, Communication, Information Technology and Biomedical Engineering*, November, 1–4.

Rosebrock, A., 2015, How to Install OpenCV 3 on Raspbian Jessie, *http://www.pyimagesearch.com/,* diakses tanggal 7 Maret 2016 jam 10.10

Singh, N. dan Tripathi, R.C., 2010. Automated Early Detection of Diabetic Retinopathy Using Image Analysis Techniques. *International Journal of Computer Applications*, 8,2, 18–23.

Sitompul, R., 2011. Retinopati Diabetik. *J Indon Med Assoc*, 61,8,337–341.

Sreeja, K.A. dan Kumar, S.S., 2014. Recent studies on *microaneurysm* detection: A review. *2014 International Conference on Control, Instrumentation,*

Communication and Computational Technologies, ICCICCT 2014, 1366–1371.