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DAFTAR PUSTAKA

Agarwal, N., K Bagga, D. dan Sharma, P., 2011. A Comparative Study of Cephalometric Measurements with Digital versus Manual Methods. *The Journal of Indian Orthodontic Society*, 45(2), hal.84–90.

Athanasiou, A.E., 1995. *Orthodontic Cephalometry*, Mosby-Wolfe.

Bishara, S.E., 2001. *Textbook of orthodontics*, Iowa: W.B. Saunders Company.

BPS, 2012. *Penduduk Indonesia Hasil Sensus Penduduk 2010*, Jakarta: Badan Pusat Statistik.

BPS, 2017. *Statistik Indonesia Dalam Infografis 2017* S. P. dan K. Statistik, ed., Badan Pusat Statistik Indonesia.

Burger, W. dan Burge, M.J., 2009. *Principles of Digital Image Processing*, London: Springer-Verlag London Limited 2009.

Campbell, N.A. dan Reece, J.B., 2005. *Biology* 7 ed., Pearson Education, Inc.

Cardillo, J. dan Sid-Ahmed, M.A., 1994. An image processing system for locating craniofacial landmarks. *IEEE transactions on medical imaging*, 13(2), hal.275–89.

Chakrabartty, S., Yagi, M., Shibata, T. dan Cauwenberghs, G., 2003. Robust cephalometric landmark identification using support vector machines. *2003 IEEE International Conference on Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).*, 2, hal.II-825-8.

Ciesielski, V., Innes, A., John, S. dan Mamutil, J., 2003. Genetic Programming for Landmark Detection in Cephalometric Radiology Images. *International Journal of Knowledge-Based Intelligent Engineering Systems,*, 7(3), hal.164–171.

Cosma, A.C., Brehar, R. dan Nedevschi, S., 2012. Part-based pedestrian detection using HoG features and vertical symmetry. *2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing*, hal.229–236.

Dalal, N. dan Triggs, B., 2005. Histograms of Oriented Gradients for Human Detection. In *2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR'05)*. Ieee, hal. 1–13.

Dhariwal, S., 2011. Comparative Analysis of Various Image Enhancement Techniques. *International Journal of Electronics & Communication Technology*, 7109, hal.91–95.

Dong, J., Ge, J. dan Luo, Y., 2007. Nighttime Pedestrian Detection With Near Infrared Using Cascaded Classifiers. In *IEEE International Conference on Image Processing*. hal. 185–188.

Douglas, T., 2004. Image processing for craniofacial landmark identification and

UNIVERSITAS
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measurement: a review of photogrammetry and cephalometry. *Computerized Medical Imaging and Graphics*, 28, hal.401–409.

Drake, R.L., Vogl, W., Mitchell, A.W.M. dan Gray, H., 2010. *Gray's anatomy for students* 2 ed., Philadelphia, PA: Churchill Livingstone/Elsevier.

El-Feghi, I., Sid-Ahmed, M.A. dan Ahmadi, M., 2004. Automatic localization of craniofacial landmarks for assisted cephalometry. *Pattern Recognition*, 37, hal.609–621.

Forsyth, D.B. dan Davis, D.N., 1996. Assessment of an automated cephalometric analysis system. *European journal of orthodontics*, 18(5), hal.471–8.

Garg, R., Mittal, B. dan Garg, S., 2011. Histogram Equalization Techniques For Image Enhancement. *International Journal of Electronics & Communication Technology*, 2(1), hal.107–111.

Gonzales, R.C. dan Woods, R.E., 2010. *Digital Image Processing* 3 ed., New Jersey 07458: Pearson Education, Inc.

Grau, V., Alcaniz, M., Juan, M.C., Monserrat, C. dan Knoll, C., 2001. Automatic localization of cephalometric landmarks. *Journal of Biometrical Informatics*, 34, hal.146–156.

Hutton, T.J., Cunningham, S. dan Hammond, P., 2000. An evaluation of active shape models for the automatic identification of cephalometric landmarks. *European journal of orthodontics*, 22(5), hal.499–508.

Iman, P., 2008. *Buku Ajar Ortodonsia II KGO II*, Yogyakarta: Fakultas Kedokteran Gigi Universitas Gadjah Mada.

Jiang, J. dan Xiong, H., 2012. Fast Pedestrian Detection Based on HOG-PCA and Gentle AdaBoost. In *International Conference on Computer Science & Service System (CSSS)*. hal. 1819–1822.

Johannsdottir, B., Thorarinsson, F., Thordarson, A. dan Magnusson, T.E., 2005. Heritability of craniofacial characteristics between parents and offspring estimated from lateral cephalograms. *American Journal of Orthodontics and Dentofacial Orthopedics*, 127(2), hal.200–207.

Kadir, A. dan Susanto, A., 2013. *Teori dan Aplikasi Pengolahan Citra* 1 ed., Yogyakarta: Penerbit ANDI.

Kafieh, R., Mehri, A. dan Sadri, S., 2007. Automatic landmark detection in cephalometry using a modified Active Shape Model with sub image matching. In *International Conference on Machine Vision, 2007. ICMV 2007*. Ieee, hal. 73–78.

Kotsiantis, S.B., 2007. Supervised machine learning: A review of classification techniques. *Informatica*, 31, hal.249–268.

Kucheryavski, S., 2011. Extracting useful information from images. *Chemometrics and Intelligent Laboratory Systems*, 108(1), hal.2–12.

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GADJAH MADA
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Leonardi, R., Giordano, D. dan Maiorana, F., 2009. An evaluation of cellular neural networks for the automatic identification of cephalometric landmarks on digital images. *Journal of Biomedicine and Biotechnology*, 2009, hal.12.

Lévy-Mandel, A.D., Venetsanopoulos, A.N. dan Tsotsos, J.K., 1986. Knowledge-based landmarking of cephalograms. *Computers and biomedical research, an international journal*, 19(3), hal.282–309.

Liu, J.-K., Chen, Y.-T. dan Cheng, K.-S., 2000. Accuracy of computerized automatic identification of cephalometric landmarks. *American Journal of Orthodontics and Dentofacial Orthopedics*, 118(5), hal.535–540.

Maini, R. dan Aggarwal, H., 2010. A comprehensive review of image enhancement techniques. *Journal of Computing*, 2(3), hal.8–13.

MALLICK, S., 2016. Histograms of Oriented Gradients. *LearnOpenCV.Com*. Available at: https://www.learnopencv.com/histogram-of-oriented-gradients/.

Mudjosemedi, M., 1995. *Pola sidik bibir pada ras Mongoloid dan ras Australomelanesid: Telaah anthropologis pada dua kelompok populasi di Yogyakarta dan Timor*. Universitas Gadjah Mada.

Muñoz, A., Blu, T. dan Unser, M., 2001. Least-Squares Image Resizing. *IEEE Transactions on Image Processing*, 10(9), hal.1365–1378.

Ningrum, I., Harjoko, A. dan Mudjosemedi, M., 2014. Robust Cephalometric Landmark Identification on Cephalometric Downs Analysis. *International Journal of Computer and Electrical Engineering*, 6(2).

Olivier, G., 1969. *Practical Anthropology*, Charles C Thomas.

Otero, L., Quintero, L., Champsaur, D. dan Simanca, E., 2010. Inheritance of craniofacial features in Colombian families with class III malocclusion. *The Application of Clinical Genetics*, 3, hal.1–6.

Parthasarathy, S., Gregson, P.G. dan Fay, D.F., 1989. Automatic Landmarking of Cephalograms. *Computers and Biomedical Research*, 22(3), hal.248–269.

Parthasarathy, S., Nugent, S.T., Gregson, P.G. dan Fay, D.F., 1989. Automatic landmarking of cephalograms. *Computers and biomedical research, an international journal*, 22(3), hal.248–69.

Pouyan, A.A. dan Farshbaf, M., 2010. Cephalometric Landmarks Localization Based on Histograms of Oriented Gradients. *Image Processing*, hal.1–6.

Premkumar, S., 2008. *Prep Manual for Undergraduates: Orthodontics*, Elsevier India.

Purnama, I.P.N., 2010. *Identifikasi Landmark Sephalometri Menggunakan Algoritma Projected Principal-Edge Distribution (PPED)*. Universitas Gadjah Mada.

Ren, J., Liu, D., Feng, D., Shao, J., Zhao, R., Liao, Y. dan Lin, Z., 1998. A knowledge-based automatic cephalometric analysis method. *Proceedings of*

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METODE PENENTUAN POSISI LANDMARK SEFALOGRAM POPULASI JAWA BERDASARKAN POLA POLIGON
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the 20th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 20(2), hal.723–727.

Rivani, R., Rusman, A.A. dan Linasari, D., 2017. Perbandingan Indeks Sefalik Antara Populasi Batak dan Populasi Sunda di Bandung. In *Proceeding Annual Scientific Meeting 2017*. hal. 15–16.

Sembiring, L. dan Sudjino, 2009. *Biologi Kelas XII untuk SMA dan MA*, Jakarta: Pusat Perbukuan, Departemen Pendidikan Nasional Republik Indonesia.

Standring, S. dan Gray, H., 2008. *Gray's anatomy : the anatomical basis of clinical practice / editor-in-chief, Susan Standring* 40 ed., Edinburgh: Churchill Livingstone.

Suard, F., Rakotomamonjy, A., Bensrhair, A., Broggi, A. dan Area, P., 2006. Pedestrian Detection using Infrared images and Histograms of Oriented Gradients. In *Intelligent Vehicles Symposium*. hal. 206–212.

Sulandjari, H., 2008. *Buku Ajar Ortodonsia I KGO I*, Fakultas Kedokteran Gigi Universitas Gadjah Mada.

Sutarjo, U.S. dan Budijanto, D., 2017. *Profil Kesehatan Indonesia Tahun 2016* R. Kurniawan, Yudianto, B. Hardhania, & T. A. Soenardi, ed., Kementerian Kesehatan Republik Indonesia.

Tong, W., Nugent, S.T., Jensen, G.M. dan Fay, D.F., 1989. An algorithm for locating landmarks on dental X-rays. *Images of the Twenty-First Century. Proceedings of the Annual International Engineering in Medicine and Biology Society*, hal.552–554.

Vucinić, P., Trpovski, Z. dan Sćepan, I., 2010. Automatic landmarking of cephalograms using active appearance models. *European Journal of Orthodontics*, 32(3), hal.233–241.

Wahl, N., 2006. Orthodontics in 3 millennia. Chapter 7: Facial analysis before the advent of the cephalometer. *American journal of orthodontics and dentofacial orthopedics : official publication of the American Association of Orthodontists, its constituent societies, and the American Board of Orthodontics*, 129(2), hal.293–8.

Wang, L., Zhang, Y. dan Feng, J., 2005. On the Euclidean Distances of Images. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 27(8), hal.1334–1339.

Wu, J.Y., Hägg, U., Wong, R.W. dan McGrath, C., 2010. Comprehensive Cephalometric Analyses of 10 to 14-Year Old Southern Chinese. *The Open Anthropology Journal*, 3, hal.85–95.

Yue, W., Yin, D., Li, C., Wang, G. dan Xu, T., 2006. Automated 2-D Cephalometric Analysis on X-ray Images by a Model-Based Approach. *IEEE transactions on bio-medical engineering*, 53(8), hal.1615–23.

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Zhu, Q., Avidan, S., Yeh, M.-C. dan Cheng, K.-T., 2006. Fast Human Detection Using a Cascade of Histograms of Oriented Gradients. In *2006 IEEE Computer Society Conference on Computer Vision and Pattern Recognition - Volume 2 (CVPR'06)*. Ieee, hal. 1491–1498.