



DAFTAR PUSTAKA

- Allen, B., Curless, B. dan Popovic, Z., 2003, The Space of Human Body Shapes: Reconstruction and Parameterization from Range Scans. *ACM Transactions on Graphics*, vol. 22, no. 3, pp. 587–594.
- Amigoro, P., 2009, *Analisis Regresi Linier Sederhana dengan Metode Theil*, Semarang, Universitas Diponegoro.
- Baroroh, D.K., 2014, *Optimasi Proses Electropolishing Pada Pembuatan Multilayered Microfilters Dengan Pendekatan Full Factorial Design*, Yogyakarta, Universitas Gadjah Mada.
- Boehler, W., dan Marbs, A., 2014, *3D Scanning Instruments*, URL: http://i3mainz.fh-mainz.de/sites/default/files/public/data/p05_Boehler.pdf, (diakses online 2 April 2014).
- Boehnen, C. dan Flynn, P., 2005, Accuracy of 3D Scanning Technologies in A Face Scanning Scenario, *Fifth International Conference 3D Digital Imaging and Modeling*, pp. 310-317.
- Borghese, N. A., Ferrigno, G., Baroni, G., Pedotti, A., Ferrari, S. dan Savarè, R., 1998, Autoscan: A Flexible and Portable 3D Scanner, *Computer Graphics and Applications*, vol.18, pp. 38-41.
- Federer, W.T., 1955, *Experimental Design*, The Macmillan Company, New York.
- Fourie, Z., Damstra, J., Gerrits, P. O., dan Ren, Y., 2011, Evaluation of Anthropometric Accuracy and Reliability Using Different Three-Dimensional Scanning Systems, *Forensic Science International*, vol. 207(1), pp. 127-134.
- Grandjean, E., 1980, *Fitting the Task to the Man: An Ergonomic Approach*. Taylor
- Han, H., Nam, Y., dan Choi, K., 2010, Comparative Analysis of 3D Body Scan Measurements and Manual Measurements of Size Korea Adult Females, *International Journal Of Industrial Ergonomics*, vol. 40(5), pp. 530-540.
- Hung, P.C.Y., Witana, C.P., dan Goonetilleke, R.S., 2004, Anthropometric Measurements from Photographic Images, *Computing Systems*, vol. 29, pp.



764-769, URL: http://www-ielm.ust.hk/dfaculty/ravi/papers/wwcs2004_1.pdf, (diakses online 14 April 2015).

Lee, Y.C., Lin, G., dan Wang, M.J.J., 2014, Comparing 3D Foot Scanning with Conventional Measurement Methods, *Journal of Foot and Ankle Research*, vol. 7, pp 44, URL: <http://www.jfootankleres.com/content/7/1/44>, (diakses online 14 April 2015).

MeshLab, 2015, *MeshLab*, URL: <http://meshlab.sourceforge.net/>, (diakses online 25 Maret 2014).

Meunier, P., dan Yin, S., 2000, Performance of A 2D Image-Based Anthropometric Measurement and Clothing Sizing System, *Applied Ergonomics*, vol. 31(5), pp. 445-451.

Meunier, P., Tack, D., Ricci, A., Bossi, L. dan Angel, H., 2000, Helmet accommodation analysis using 3D laser scanning, *Applied Ergonomics*, vol. 31, pp. 361-369.

Microsoft.com, 2014, *Kinect for Windows Feature*, UR: <http://www.microsoft.com/en-us/kinectforwindows/discover/features.aspx>, (diakses online 2 April 2014).

Montgomery, D.C., 2003, *Applied Statistic and Probability for Engineers*, 3rdedition, John Wiley And Sons, New York.

Nácher, B., Alcántara, E., Alemany, S., García-Hernández, J. , dan Juan, A., 2014, *3D Foot Digitizing and Its Application to Footwear Fitting*, URL: users.dsic.upv.es/~ajuan/research/2004/Juan04_04b.pdf, (diakses online 2 April 2014).

Pheasant, S., 2003, *Bodyspace Anthropometry, Ergonomics and the Design of Work*, 2ndedition, Taylor and Francis, London.

Pulat, B. M, 1992, *Fundamentals of Industrial Ergonomics*, New Jersey, Prentice Hall International.

Putra, T.D., Fathurahman, M., dan Yuniarti, D., 2013, Pemodelan Regresi Linier Menggunakan Metode Theil (Studi Kasus: Kompensasi Pegawai di Badan Kepegawaian Daerah Kota Samarinda), *Jurnal Eksponensial*, vol. 4, no. 1.



- Rapidform, 2015, *Geomagic Design X*, URL:
<http://www.rapidform.com/products/xor/overview/>, (diakses online 15 April 2015).
- Razali, N.M. dan Wah, Y.B., 2011, Power Comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling Tests, *Journal of Statistical Modelling and Analysis*, vol. 2, no 1, pp. 21-33.
- ReconstructMe*, 2014, *About*, URL: <http://ReconstructMe.net/ReconstructMe-ui/>, (diakses online 25 Maret 2014).
- Redlich, M., Weinstock, T., Abed, Y., Schneor, R., Holdstein, Y., dan Fischer, A., 2008, A New System for Scanning, Measuring and Analyzing Dental Casts Based on A 3D Holographic Sensor, *Orthod Craniofac Res*, vol. 11, pp. 90–95.
- Sadewo, B.K., 2015, *Kinect Sensor Device for XBOX*, URL:
<http://www.rapidform.com/products/xor/overview/>, (diakses online 15 April 2015).
- Sarghie, B., Costea, M., dan Liute, D., 2013, Anthropometric Study of the Foot Using 3D Scanning Method and Statistical Analysis, *Proceedings of the International Symposium in Knitting and Apparel*, pp. 21-22, Isai, Romania.
- Taha, Z., Aris, M.A., Ahmad, Z., Hassan, M.H.A. dan Sahim, N.N., 2011, A Low Cost 3D Foot Scanner for Custom-Made Sports Shoes, *Applied Mechanics and Materials* vol. 440 pp. 369-372.
- Tong, J., Zhou, J., Liu, L., Pan, Z. dan Yan, H., 2012, Scanning 3D Full Human Bodies Using Kinects, *IEEE Transactions on Visualization and Computer Graphics*, vol. 18, no. 4.
- Wignjosoebroto, S., 2008, *Ergonomi, Studi Gerak dan Waktu*, Surabaya, Prima Printing.
- Wignjosoebroto, S., Sudiarno, A., dan Brennan, A., 2010, *Perancangan Sistem Pengukuran Antropometri Kepala Menggunakan Teknologi Image Processing Dengan Metode Ekstraksi Fitur Wajah*, URL:
<http://digilib.its.ac.id/public/ITS-Undergraduate-8644-2505100070-Paper.pdf>, (diakses online 14 April 2015).



**OPTIMASI PARAMETER SISTEM PENGUKURAN ANTROPOMETRI KAKI BERBASIS 3D SCANNING
 MENGGUNAKAN KINECT**

ROSALIA DIAH MINDARTI, I.G.B. Budi Dharma, S.T., M.Eng., Ph.D.

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Witana, C. P., Xiong, S., Zhao, J., dan Goonetilleke, R. S, 2006, Foot Measurements from Three-Dimensional Scans: A Comparison and Evaluation of Different Methods, *International Journal of Industrial Ergonomics*, vol. 36(9), pp. 789-807.