DAFTAR PUSTAKA

Ahn, D., dan Kweon, J. H., 2009, Representation of Surface Roughness in Fused Deposition Modeling, *Journal of Materials Processing Technology*, pp. 5593–5600.

Anitha, R., Arunachalam, S. dan Radhakrishnan, P., 2001, Critical Parameters Infuencing the Quality of Prototypes in Fused Deposition Modelling, *Journal of Materials Processing Tech.*, Vol. 118, pp. 2–5.

American Standard Testing and Material (ASTM), 2012, Standard Terminology for Additive Manufacturing Technologies, *ASTM International*, Conshohocken, Amerika.

Chakravorty, D., 2016, STL File Format for 3D Printing Explained Simply, https://all3dp.com/what-is-stl-file-format-extension-3d-printing/, (online accessed on 19 May 2017)

Chen, J. C., dan Gabriel, V. S., 2016, Revolution of 3D Printing Technology and Application of Six Sigma Methodologies to Optimize the Output Quality Characteristics, *IEEE International Conference on Industrial Technology*, pp. 904–909.

Chouksey, A., 2012, Study of Parametric Optimization of Fused Deposition Modelling Process Using Response Surface Methodology, *National Institute of Technology Rourkela*, India.

Chua, C. K, Leong, K. F., dan Lim, C. S., 2003, Rapid Prototyping: Principles and Applications, *World Scientific Publishing Co*, Nanyang Technological University, Singapura.

Fauzi, A. L., 2017, Optimasi Parameter Proses Ekstrusi Pasta Biokomposit [PMMA/Hidroksiapatit/Serisin] pada Mesin Printer Tiga Dimensi Menggunakan Metode Taguchi, Universitas Gadjah Mada, Yogyakarta.

Gibson, I., Rosen, D. W., dan Stucker, B., 2010, Additive Manufacturing Technologies Rapid Prototyping to Direct Digital Manufacturing, *Springer*, New York.

Grimm, T., 2004, User's Guide to Rapid Prototyping, *Society of Manufacturing Engineers*, p. 55.

Haafiz, M. K., 2016, Exploring the Effect of Cellulose Nanowhiskers Isolated from Oil Palm Biomass on Polylactic Acid Properties, Universiti Sains Malaysia, Penang, Vol. 85, pp. 370-378.

Harwell, M.R., Rubinstein, E.N., Hayes, W.S. dan Olds, C.C., 1992, Summarizing Monte Carlo Results in Methodological Research: The One- and Two-Factor Fixed Effects ANOVA Cases, *J. Education Stat.*, pp. 315-339.

Holmström, J., Partanen, J., Tuomi, J., dan Walter, M., 2010, Rapid Manufacturing in the Spare Parts Supply Chain: Alternative Approaches to Capacity Deployment, *Journal of Manufacturing Technology Management*, Vol. 21, pp.687–697.

Koten, J., 2013, Revolution in the Making, *The Wall Street Journal*, https://www.wsj.com/articles/SB10001424127887324063304578522812684722382, online accessed on 20 March 2017.

Kuncoro, N. A., 2016, Optimasi Parameter Proses 3D Printer untuk Memperoleh Galat Dimensi Terkecil dan Kuat Tarik Tertinggi pada Part Berbahan Baku Polylactic Acid (PLA) Menggunakan Metode 2k Factorial Design, Universitas Gadjah Mada, Yogyakarta.

Lee, B. H., Abdullah, J. dan Khan, Z. A., 2005, Optimization of Rapid Prototyping Parameters for Production of Flexible ABS Object, *Journal of Materials Processing Technology*, pp. 54–61.

Lutfi, R., 2015, Optimasi Parameter Proses 3D Printer untuk Memperoleh Galat Dimensi Terkecil dan Kuat Tarik Tertinggi Pada Part Berbahan Baku Polylactic Acid (PLA), Universitas Gadjah Mada, Yogyakarta.

Masood, S. H., dan Song, W. Q., 2004, Development of New Metal/Polymer Materials for Rapid Tooling Using Fused Deposition Modeling, Mater Des., pp. 587–594

Mellor, S., Hao, L., dan Zhang, D., 2014, Additive Manufacturing: A Framework for Implementation, *International Journal of Production Economics*, pp. 194–201.

Mohamed, O. A., Masood, S. H. dan Bhowmik, J. L., 2016, Mathematical Modeling and FDM Process Parameters Optimization Using Response Surface Methodology Based on Q-Optimal Design, *Applied Mathematical Modelling. Elsevier Inc.*, pp. 10052–10073.

Mohamed, O. A., Masood, S. H. dan Bhowmik, J. L., 2016, Optimization of Fused Deposition Modeling Process Parameters for Dimensional Accuracy Using I-Optimality Criterion, *Measurement. Elsevier Ltd*, pp. 174–196.

Montgomery, D. C., 2009, Design and Analysis of Experiments, 5th ed., *John Wiley & Sons Inc*., New York.

Nugroho, Y. C., 2015, Optimasi Parameter Proses Ekstrusi Pasta Biokomposit [Hidroksiapatit/Bioplastik/Serisin] Menggunakan Metode Response Surface, Skripsi, Universitas Gadjah Mada, Yogyakarta.

Nunez, P. J., Rivas, E., García-Plaza, E., Beamud, E., dan Sanz-Lobera, A., 2015, Dimensional dan surface texture characterization in Fused Deposition Modelling FDM with ABS plus, *The Manufacturing Engineering Society International Conference* (MESIC), pp. 2–3.

Pradhan, M. K., dan Biswas, C. K., 2009, Influence of Process Parameters on Surface Roughness in EDM of AISI D2 Steel: A RSM Approach, *International Conference on Emerging Research dan Advances in Mechanical Engineering* (ERA), Vol. 19, pp. 709–714.

Redwood, B., 2016, Dimensional Accuracy of 3D Printed Parts, https://www.3dhubs.com/knowledge-base/dimensional-accuracy-3d-printed-parts, (online accessed on 20 May 2017)

Rubert, 2016, Roughness Parameters Mean Roughness, http://www.rubert.co.uk/faqs/roughness-parameters/, (online accessed on 6 May 2017)

Sood, A. K., Ohdar, R. K., dan Mahapatra, S. S., 2009, Improving Dimensional Accuracy of Fused Deposition Modelling Processed Part Using Grey Taguchi Method, *Materials dan Design. Elsevier Ltd*, pp. 4243–4252.

Sugiantoro, B., Rusnaldy., dan Widyanto, S.A., 2014, Optimasi Parameter Proses Milling Terhadap Kualitas Hasil Permesinan Aluminium dengan Metode Taguchi, Jurnal Magister Teknik Mesin Universitas Diponegoro Semarang, Vol. 14, No. 1, pp. 42 – 57.

Stratasys, 2017, The Invention of Fused Deposition Modelling (FDM), http://www.stratasys.com/3d-printers/technologies/fdm-technology, (online accessed 19 April 2017)

Taguchi, G., Chowdhury, S., dan Wu Y., 2005, Taguchi's Engineering Quality Handbook, 1st ed., *John Wiley & Sons, Inc*., Hoboken, New Jersey.

Taufik, M., dan Jain, P. K., 2016, A Study of Build Edge Profile for Prediction of Surface Roughness in Fused Deposition Modeling, *Journal of Manufacturing Science dan Engineering*, p. 61002.

Vasudevarao, B., Natarajan, D. P., dan Henderson, M., 2000, Sensitivity of Rp Surface Finish to Process, *In Solid freeform fabrication proceedings*, pp. 251–258.

Wanhaousa., 2017, Duplicator 5S Steel ExoFrame., www.wanhaousa.com/products/duplicator-5s-steel-exoframe., (online accessed 26 April 2017)

Zaiontz, R., 2014, ANOVA using Regression, http://www.real-statistics.com/multiple-regression/anova-using-regression/, (online accessed on 6 May 2017)