

## DAFTAR PUSTAKA

- Amin, N. 2016, 'Pengembangan Model Anatomi Jantung Pada Kasus Penyakit Jantung Struktural Dengan 3D Printing Berbasis Fused Deposition Method', *Tesis Program Studi S2 Teknik Mesin Bidang Rekayasa Peralatan Medis*, UGM Yogyakarta.
- Anitha, R., Arunachalam, S. and Radhakhrisnan, P, 2001, 'Critical Parameters Influencing The Quality of Prototypes in Fused Deposition Modelling', *Journal of Material Processing Technology*, 118 (2001) 385-388.
- Carneiro, O. S., Silva, A. F. and Gomes, R. 2016, 'Fused Deposition Modeling with Polypropylene', *Materials & Design*, 83 (2015) 768–776.
- Ha, S. 2016, '3D Printing / Process Parameters', pp. 1–16.
- Harwell, M. R. 1992, 'Summarizing Monte Carlo Results in Methodological Research: The One-and Two-Factor Fixed Effects ANOVA Cases', *J. Education Stat*, pp. 315-339
- Jerez-Mesa, R., Travieso-Rodriguez, J. A., Corbella, X., Busqué, R. and Gomez-Gras, G. 2016, 'Finite Element Analysis of The Thermal Behavior of A Reprap 3D Printer Liquefier', *Mechatronics*, 36 (2016) 119–126.
- Klein, J., Franchin, G., Stern, M., Kayser, M., Inamura, C., Dave, S., Oxman, N. and Houk, P. 2015, 'Additive Manufacturing of Optically Transparent Glass', *3D PRINTING AND ADDITIVE MANUFACTURING Volume 2*, Number 3, 2015.
- Kun, K. 2016, 'Reconstruction and Development Of A 3D Printer Using FDM Technology', *International Conference on Manufacturing Engineering and Materials*, ICMEM 2016, 6-10 June 2016, Nový Smokovec, Slovakia.
- Lanzotti, A., Grasso, M., Staiano, G. and Martorelli, M. 2015, 'The Impact Of Process Parameters On Mechanical Properties of Parts Fabricated in PLA with An Open-Source 3-D Printer', *Rapid Prototyping Journal*, Vol. 21 Iss 5 pp.

- M. Too, K., Leong, C., Chua, Z., Du, S. F., Yang, C. M., Cheah, S. L. and Ho. 2002, 'Investigation of 3D non-random porous structures by fused deposition modelling', *Int. J. Adv. Manuf. Technol.* 19 (2002) 217–223.
- Patel, J., Patel, C. and Patel, M. (2012), 'A Review on various approach for process parameter optimization of fused deposition modeling (FDM) process and Taguchi approach for optimization', *International Journal of Engineering*, 2(2), pp. 361–365.
- Pham, D. and Gault R. A. 1998, 'A Comparison Of Rapid Prototyping Technologies', *International Journal of Machine Tools & Manufacture*, 38 (1998) 1257–1287.
- Santana, L., Alves, J. L. and Netto, C. S. 2017, 'A Study of Parametric Calibration for Low Cost 3D Printing: Seeking Improvement in Dimensional Quality', *Materials and Design*, 135 (2017) 159–172.
- Sood, A. K., Ohdar, R. K. and Mahapatra, S. S. (2009), 'Improving dimensional accuracy of Fused Deposition Modelling processed part using grey Taguchi method', *Materials and Design. Elsevier Ltd*, 30(10), pp. 4243–4252. doi: 10.1016/j.matdes.2009.04.030.
- Szykiedans, K., Credo, W. and Osiński, D. 2017, 'Selected Mechanical Properties of PETG 3-D Prints', *XXI International Polish-Slovak Conference "Machine Modeling and Simulations 2016"*.
- Taguchi, G., Chowdhury, S. and Wu, Y. 2005, *Taguchi's Engineering Quality Handbook*, 1<sup>st</sup> ed, John Willey & Sons, Inc, Hoboken, New Jersey.
- Tontowi, A. E. 2016, *Desain Produk Inovatif & Inkubasi Bisnis Kompetitif*, Gadjah Mada University Press, Yogyakarta.
- Tontowi, A. E., Ramdani, L., Erdizon, R. V. and Baroroh, D. K. 2017, 'Optimization of 3D-Printer Process Parameters for Improving Quality of Polylactic Acid Printed Part', *International Journal of Engineering and Technology (IJET)*, Vol 9 No 2 Apr-May 2017

- Hengzi, Hengzi, W., Syed, M., Pio, I. and Erol, H. 2001, 'Application of Fused Deposition Modelling Rapid Prototyping System to the Development of Microchannels', *BioMEMS and Smart Nanostructures*, Proceedings of SPIE Vol. 4590. Victoria, Australia: SPIE. 213-220.
- Lu, W. and Gardner, D. J. 2017, 'Effect of Fused Layer Modeling (FLM) Processing Parameters on Impact Strength of Cellular Polypropylene', *Polymer*, 113 (2017) 74-80.
- Wysk, R. A., Niebel, B. W., Cohen, P. H. and Simpson, T. W. 2000, 'Taguchi's Robust Design Method', *Manufacturing Processes: Integrated Product and Process Design*, pp. 1-9.
- X. Yan. and P. Gu. 1996, 'A review of rapid prototyping technologies and systems', *Comput. Des.* 28, (1996) 307-318.
- Zaiontz, R. 2014, 'ANOVA Using Regression', <http://www.real-statistic.com/multiple-regression/anova-using-regression/>, (online accessed on 6 May 2017)