

## DAFTAR PUSTAKA

- Abdoli, M. A., Rezaei, M., & Hasanian, H. (2016). Integrated Solid Waste Management in Indonesia. *Global Journal of Environment Management*, 07(8), 629–633. <https://doi.org/10.7508/gjesm.2016.03.00>
- Abhang, L. B., & Hameedullah, M. (2012). Determination of optimum parameters for multi-performance characteristics in turning by using grey relational analysis. *International Journal of Advanced Manufacturing Technology*, 63(1–4), 13–24. <https://doi.org/10.1007/s00170-011-3857-6>
- Ambariski, P. P. D., & Herumurti, W. (2019). Sistem Pengangkutan Sampah Berdasarkan Kapasitas Kendaraan Pengangkut dan Kondisi Kontainer Sampah di Surabaya Barat. *Jurnal Teknik ITS*, 5(2). <https://doi.org/10.12962/j23373539.v5i2.16477>
- America, Q. (2017). Parameter Design. Retrieved May 15, 2019, from [https://qualityamerica.com/LSS-Knowledge-Center/DesignedExperiments/parameter\\_design.php](https://qualityamerica.com/LSS-Knowledge-Center/DesignedExperiments/parameter_design.php)
- Amin, D. M. G. (2014). Properties of Engineering Material. In *Selection of Materials and processes* (Fourth Cla, pp. 1–19).
- Atmaja, D. S. E., & Herliansyah, M. K. (2015). Optimasi Proses Pengukuran Dimensi Dan Defect Ubin Keramik Menggunakan Pengolahan Citra Digital Dan Full Factorial Design. *Jurnal Teknosains*, 4(2), 179–191. <https://doi.org/10.22146/teknosains.7972>
- Autodesk Inc. (2019). Finite Element Analysis. Retrieved May 22, 2019, from <https://www.autodesk.in/solutions/finite-element-analysis>
- Benchmarking Methodology. (2017). Retrieved July 5, 2019, from <https://www.apqc.org/benchmarking-methodology>
- Business Dictionary. (2018). Definition of Design Parameter. Retrieved May 15, 2019, from <http://www.businessdictionary.com/definition/design-parameters.html>
- Cambridge University Engineering Department. (1983). Materials Data Bases. *MRS Bulletin*, 8(01), 11–11, 2. <https://doi.org/10.1557/s0883769400049952>
- Chateauminois, A. (2000). *Fatigue and Tribological Properties of Plastics and Elastomers. Tribology International* (Vol. 33). [https://doi.org/10.1016/s0301-679x\(00\)00018-9](https://doi.org/10.1016/s0301-679x(00)00018-9)

- DENG, Y.-M. (2002). Function and behavior representation in conceptual mechanical design. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing*, 16(5), 343–362. <https://doi.org/10.1017/s0890060402165024>
- Design, S., Method, F. E., & Chang, K. (2013). Learn more about Structural Analysis Structural Analysis.
- Dubey, A. K., & Yadava, V. (2008). Robust parameter design and multi-objective optimization of laser beam cutting for aluminium alloy sheet. *International Journal of Advanced Manufacturing Technology*, 38(3–4), 268–277. <https://doi.org/10.1007/s00170-007-1105-x>
- Dzioba, I., & Lipiec, S. (2016). ASSESSMENT OF THE CRITICAL VALUES OF STRESS AND STRAIN OF MATERIAL ON THE BASIS OF ANALYSIS OF UNIAXIAL TENSILE TEST DATA Eksploatacja i testy, 54–57.
- Farizal, F., Aji, R., Rachman, A., Nasruddin, N., & Mahlia, T. M. I. (2018). Indonesia's Municipal Solid Waste 3R and Waste to Energy Programs. *Makara Journal of Technology*, 21(3), 153. <https://doi.org/10.7454/mst.v21i3.3536>
- Fern, E. J. (2019). Modelling tunnel-induced deformations with the material point method. *Computers and Geotechnics*, 111(March), 202–208. <https://doi.org/10.1016/j.compgeo.2019.03.017>
- Gharpedia. (2018). What is the Structural Analysis? Retrieved July 9, 2019, from <https://gharpedia.com/structural-analysis/>
- Hamann, R. J. (1998). The function and the design process. *15th International Cost Engineering Congress*, 1–8.
- Hsu, S. T., Lin, W. Y., & Wu, S. J. (2018). Environmental factors for non-uniform dynamic mechanical load test due to wind actions on photovoltaic modules. *Energy Procedia*, 150, 50–57. <https://doi.org/10.1016/j.egypro.2018.09.008>
- ISIXSIGMA. (2018). Full Factorial Design of Experiment. Retrieved August 22, 2019, from <https://www.isixsigma.com/dictionary/full-factorial-doe/>
- Johnson, A., & Gibson, A. (2014). *The Tools of the Design Process and Management of Design. Sustainability in Engineering Design*. <https://doi.org/10.1016/b978-0-08-099369-0.00004-2>
- KliknClean. (2018). Sejarah Penggunaan Tempat Sampah. Retrieved May 14,

2019, from <https://kliknclean.com/id/blog-174/sejarah-tempat-sampah>

- Kuptsov, A. V., Zayakina, S. B., & Saprykin, A. I. (2016). Application of multifactor experimental design for optimizing the conditions of atomic emission determination of noble metals using a double-jet arc plasmatron. *Inorganic Materials*, 52(14), 1444–1448. <https://doi.org/10.1134/S0020168516140107>
- Lauren Cooper; Malinda Schaefer Zarske; Denise W. Carlson. (2008). Design Step 1: Identify the Need - Activity - TeachEngineering. Retrieved July 5, 2019, from [https://www.teachengineering.org/activities/view/cub\\_creative\\_activity1](https://www.teachengineering.org/activities/view/cub_creative_activity1)
- Liao, M., Zhou, Y., Su, Y., Lian, Z., & Jiang, H. (2018). Dynamic analysis and multi-objective optimization of an offshore drilling tube system with pipe-in-pipe structure. *Applied Ocean Research*, 75, 85–99. <https://doi.org/10.1016/j.apor.2018.03.010>
- Ling, S. J., Sanny, J., & Moebs, B. (2019). TENSILE OR COMPRESSIVE STRESS , STRAIN , AND YOUNG ' S MODULUS, (Part 1), 1–5.
- Moghadam, M. B. (2005). Application of robust parameter design methodologies. *Quality and Quantity*, 39(2), 175–188. <https://doi.org/10.1007/s11135-004-2964-y>
- Muteba, M., Twala, B., Nicolea, D. V., & Doorsamy, W. (2017). Optimal parameter inference method for effective design of synchronous reluctance machines. *2017 IEEE International Electric Machines and Drives Conference, IEMDC 2017*, 1, 0–5. <https://doi.org/10.1109/IEMDC.2017.8002134>
- Peel, R. (2015). Waste Collection Design Standards Manual.
- Peshin, A. (2016). Stress Strain Curve: What Exactly Is The Stress-Strain Curve? Retrieved July 9, 2019, from <https://www.scienceabc.com/innovation/what-is-the-stress-strain-curve.html>
- Rani Das, K. (2016). A Brief Review of Tests for Normality. *American Journal of Theoretical and Applied Statistics*, 5(1), 5. <https://doi.org/10.11648/j.ajtas.20160501.12>
- Resource Center, N. (2017). Stress and Strain. Retrieved July 9, 2019, from <https://www.nde-ed.org/EducationResources/CommunityCollege/Materials/Mechanical/Stress>

Strain.htm

Rime. (2016). Stress-Strain-Curve. Retrieved July 9, 2019, from <https://www.rime.de/en/wiki/stress-strain-curve/>

Sirsat, M. P. M., Khan, D. I. A., Jadhav, M. P. V., & Date, M. P. T. (2017). Design and fabrication of River Waste Cleaning Machine, (1), 1–4. <https://doi.org/10.24001/ijcmes.icsesd2017.27>

Waste Management. (2016). *Waste management design guidelines*.

Xu, G., Chen, Z., Li, X., Lu, G., Dong, D., & Liu, Z. (2019). Establishment of control standard for plastic deformation performance of graded crushed stone. *Construction and Building Materials*, 211, 383–394. <https://doi.org/10.1016/j.conbuildmat.2019.03.254>

Zairi, M., & Leonard, P. (2001). *Practical Benchmarking : The Complete Guide*. B.V (Vol. 1st Editio).