DAFTAR PUSTAKA

Allegro MicroSystems Inc., (2010). Datasheet A4988. *Allegro Microsystems, LLC*, 1–19. https://www.allegromicro.com/en/products/motor-drivers/brush-dc-motor-drivers/a4988%0Awww.allegromicro.com

An, Y., Liu, J., Yang, C., Huang, Q., & Pan, G. (2024). Dynamic analysis of a propulsion shaft system considering the flexible coupling and motor isolations. *Ocean Engineering*, *309*(June). https://doi.org/10.1016/j.oceaneng.2024.118415

Anschau, S. P., Vieira, E., Lins-Rodrigues, M., Bittencourt, F., & Feiden, A. (2020). Prototype of an automatic feeder usingmicro-controlled platform ARDUINO UNO ® and relay module. *International Journal of Engineering Research and Applications Www.Ijera.Com*, *10*(10), 24–31. https://doi.org/10.9790/9622-1010032431

ATO. (2019). *NEMA 23 Stepper Motor DataSheet*. 1–8. https://components101.com/motors/nema-23-stepper-motor-datasheet-specs

Bolat, B., Aşçıoğlu Temiztaş, B., & Sezer, E. (2024). Investigation of the effects of radial clearance on the screw conveyor performances for different inclinations. *Particuology*, *92*, 72–80. https://doi.org/10.1016/j.partic.2024.04.015

Boothroyd, G., Dewhurst, P., & Knight, W. A. (2010). *Product Design for Manufacture and Assembly*. CRC Press. https://doi.org/10.1201/9781420089288

Chen, W. H., Carrera Uribe, M., Kwon, E. E., Lin, K. Y. A., Park, Y. K., Ding, L., & Saw, L. H. (2022). A comprehensive review of thermoelectric generation optimization by statistical approach:

Taguchi method, analysis of variance (ANOVA), and response surface methodology (RSM). *Renewable and Sustainable Energy Reviews*, *169*(August). https://doi.org/10.1016/j.rser.2022.112917

Fabian-Manuel, B., Adrian, J. M., & Ioan, L. (2020). Automation of water meter testing using stepper motors. *2020 14th International Symposium on Electronics and Telecommunications, ISETC 2020 - Conference Proceedings*. https://doi.org/10.1109/ISETC50328.2020.9301109

Henry León-Henao, John E Morales-Galeano, Juan Felipe Santa-Marín, & Jorge E. Giraldo-Barrada. (2024). *Failure analysis of a welded 316L stainless-steel stack with premature damage due to stress-corrosion cracking*. https://doi.org/10.1007/s11668-024-01990-y

Hertzberg, R. W., & Saunders, H. (1985). Deformation and Fracture Mechanics of Engineering Materials (2nd Edition). *Journal of Pressure Vessel Technology*, *107*(3), 309–311. https://doi.org/10.1115/1.3264456

Hoseini, P., & Vatankhah, A. R. (2021). Stage-discharge relationship for slide gates installed in partially full pipes. *Flow Measurement and Instrumentation*, *77*(September 2019). https://doi.org/10.1016/j.flowmeasinst.2020.101838

Hu, G., Chen, J., Jian, B., Wan, H., & Liu, L. (2010). Modeling and simulation of transportation system of screw conveyors by the discrete element method. *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*, 927–930. https://doi.org/10.1109/MACE.2010.5536244

Kondaveeti, H. K., Kumaravelu, N. K., Vanambathina, S. D., Mathe, S. E., & Vappangi, S. (2021). A systematic literature review on prototyping with Arduino: Applications, challenges, advantages, and

limitations. *Computer Science Review*, *40*. https://doi.org/10.1016/j.cosrev.2021.100364

Liu, M., Wang, N., Chen, X., Shan, Y., & Li, J. (2020). Design of feed screw conveyor. *Journal of Physics: Conference Series*, *1601*(6). https://doi.org/10.1088/1742-6596/1601/6/062005

Maurice, V., & Marcus, P. (2024). Molybdenum effects on the stability of passive films unraveled at the nanometer and atomic scales. *Npj Materials Degradation*, *8*(1), 3. https://doi.org/10.1038/s41529-023-00418-6

Minglani, D., Sharma, A., Pandey, H., Dayal, R., Joshi, J. B., & Subramaniam, S. (2020). A review of granular flow in screw feeders and conveyors. *Powder Technology*, *366*, 369–381. https://doi.org/10.1016/j.powtec.2020.02.066

Mondal, D., & Nabendughosh. (2018). Study on filling factor of short length screw conveyor with flood-feeding condition. *Materials Today: Proceedings*, *5*(1), 1286–1291. https://doi.org/10.1016/j.matpr.2017.11.213

Mukherjee, C., Gangwar, N., Maheshwari, S., & Mukhopadhyay, S. (2022). Development of Stepper Motor-Based Programmable Autotransformer Output Power Regulating System. *2022 IEEE International Conference on Emerging Electronics, ICEE 2022*, 3–8. https://doi.org/10.1109/ICEE56203.2022.10118295

Pilkey, W. D. (2004). Contact Stresses. In *Formulas for Stress, Strain, and Structural Matrices* (pp. 413–449). Wiley. https://doi.org/10.1002/9780470172681.ch9

Pyzdek, T. (2021). Descriptive Statistics. *Management for Professionals*, *Part F458*, 145–149. https://doi.org/10.1007/978-3-030-69901-7_12

Roberts, A. W. (1999). The influence of granular vortex motion on the volumetric performance of enclosed screw conveyors. *Powder Technology*, *104*(1), 56–67. https://doi.org/10.1016/S0032-5910(99)00039-X

Roberts, A. W. (2010). Review of mass-flow hopper design with respect to stress fields and surcharge loads. *Particuology*, *8*(6), 591–594. https://doi.org/10.1016/j.partic.2010.07.016

Santosa, A. (2020). Pengembangan Ekonomi Kreatif Industri Kecil Menengah Kota Serang Di Masa Pandemi Covid-19. *Syntax Literate ; Jurnal Ilmiah Indonesia*, *5*(11), 1257. https://doi.org/10.36418/syntax-literate.v5i11.1770

Sharma, V., Sharma, V., & Shukla, O. J. (2023). Principles and Practices of CAD/CAM. In *Quality Assurance* (Issue October). Chapman and Hall/CRC. https://doi.org/10.1201/9781003350842

Sohn, O., & Kim, D. (2003). Theoretical and experimental investigation of the swelling behavior of sodium polyacrylate superabsorbent particles. *Journal of Applied Polymer Science*, *87*(2), 252–257. https://doi.org/10.1002/app.11360

Song, R. B., Xiang, J. Y., & Hou, D. P. (2011). Characteristics of mechanical properties and microstructure for 316L austenitic stainless steel. *Journal of Iron and Steel Research International*, *18*(11), 53–59. https://doi.org/10.1016/S1006-706X(11)60117-9

Sreejyothi, K. R., Chenchireddy, K., Srujana, A., Nagaraju, D., Ramcharan, G., & Raghu, D. (2024). Arduino based stepper motor speed regulation for robotics applications. *International Journal of Applied Power Engineering*, *13*(3), 695–702. https://doi.org/10.11591/ijape.v13.i3.pp695-702

Tae Kyun Kim. (2017). Understanding one-way anova using conceptual figures. *Korean Journal of Anesthesiology*, *70*(1), 22–26. https://doi.org/10.4097/kjae.2017.70.1.22

Taha, W., Al-Zir, F., Abou-Khousa, M., Al-Durra, A., Al-Wahedi, K., & Prayudi, I. (2017). Compact screw conveyor for flow metering at a laboratory-scale flow loop. *Proceedings - 2017 IEEE Conference on Systems, Process and Control, ICSPC 2017*, *2018-Janua*(December), 7–11. https://doi.org/10.1109/SPC.2017.8313013

Tan, Y., Rackl, M., Yang, W., Fottner, J., Meng, W., & Kessler, S. (2022). A comparative study on design standards of screw conveyors in China, Germany and the USA — Part I: Theoretical calculation and quantitative analysis. *Particuology*, *69*, 61–76. https://doi.org/10.1016/j.partic.2021.11.011

Tres, P. A. (2014). Designing Plastic Parts for Assembly. In *Designing Plastic Parts for Assembly* (pp. I–XX). Carl Hanser Verlag GmbH & Co. KG. https://doi.org/10.3139/9781569905562.fm

Upadhyaya, S. V., Israni, D., Jasani, K., & Shah, A. (2016). A novel approach to precisely control linear movement of sensor by motor using microstepping. *2016 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2016 - Proceedings*, 242–246. https://doi.org/10.1109/DISCOVER.2016.7806244

Wu, H., Wang, Y., Liu, S., Zhou, Z., Zheng, Q., & Qi, H. (2024). Macro and microscopic analysis of granular flow in curved hoppers. *Powder Technology*, *443*(April). https://doi.org/10.1016/j.powtec.2024.119855

Zhang, C., Zhang, W., Pan, Z., Zhang, X., Liu, J., & Yue, C. (2009). Research on various factors influencing the moisture absorption

property of sodium polyacrylate. *Science in China, Series B: Chemistry*, *52*(7), 1000–1008. https://doi.org/10.1007/s11426-009-0087-y

Zrnić, N., Đorđević, M., & Gašić, V. (2024). Historical Background and Evolution of Belt Conveyors. In *Foundations of Science* (Vol. 29, Issue 1). https://doi.org/10.1007/s10699-022-09894-6