

## DAFTAR PUSTAKA

- Aliabadi, M., & Wrobel, L. C. (2002). The Boundary Element Method : Applications in Solids and Structures Volume 2. In *The Boundary Element Method : Applications in Solids and Structures Volume 2*. Wiley.
- AlMaadeed, M. A., Carignano, M., & Ponnamma, D. (2020). *Polymer Science and Innovative Applications*. Elsevier.
- Ashby, M., Shercliff, H., & Cebon, D. (2014). *Materials, Engineering, Science, Processing and Design Third Edition*. Waltham: Elsevier.
- Asyraf, M. M., Syamsir, A., Zahari, N. M., Supian, A. M., Ishak, M. R., Sapuan, S. M., . . . Rashid, M. Z. (2022). Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability. *MDPI Polymers*.
- Automation & IIoT, Engineering. (2021, October 21). *Manufacturing Tomorrow*. Retrieved from Manufacturing Tomorrow: <https://www.manufacturingtomorrow.com/news/2021/05/10/how-to-protect-electronic-components-from-water-and-corrosion/16973/>
- Badan Pusat Statistik Kota Bandung. (2023, Maret 23). *Badan Pusat Statistik Kota Bandung*. Retrieved from Badan Pusat Statistik Kota Bandung: <https://bandungkota.bps.go.id/indicator/151/1245/2/curah-hujan-mm-per-bulan-di-kota-bandung.html>
- Bardono, S. (2024, Juni 24). *Technology Indonesia*. Retrieved from technologyindonesia.id: <https://technologyindonesia.id/teknologi-a-z/elektronika/inovasi-brin-kembangkan-sistem-meter-air-prabayar-berbasis-iot/>
- Beer, F., Johnston, R., DeWolf, J., & Mazurek, D. (2011). Mechanics of Material. In *Mechanics of Material Seventh Edition*. New York: McGraw-Hill Education.
- BMKG. (2024). *BADAN METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA*. Retrieved from BADAN METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA: [https://www.bmkg.go.id/cuaca/probabilistik-curah-hujan.bmkg#:~:text=0.5%E2%80%93%2020%20mm%2Fhari%20,\(merah\)%20%3A%20Hujan%20sangat%20lebat](https://www.bmkg.go.id/cuaca/probabilistik-curah-hujan.bmkg#:~:text=0.5%E2%80%93%2020%20mm%2Fhari%20,(merah)%20%3A%20Hujan%20sangat%20lebat)
- Bren, L. (2015). Forest Hydrology and Catchment Management, An Australian Perspective. In L. Bren, *Forest Hydrology and Catchment Management, An Australian Perspective*. Victoria: Springer.
- Callister, W., & Rethwisch, D. (2018). Material Science and Engineering. In *Material Science and Engineering 10th Edition*. New Jersey: Wiley.

- Costa, F. M. (2023, November 14). *Kompas*. Retrieved from Kompas: <https://www.kompas.id/baca/nusantara/2023/11/14/bandung-raya-masuki-pancaroba-waspadai-cuaca-ekstrem>
- FowMould. (2024). *FowMould*. Retrieved from FowMould: <https://www.immould.com/injection-molding-wall-thickness/>
- Hasyim, I. (2024, February 22). *Tempo.co*. Retrieved from Tempo.co: <https://tekno.tempo.co/read/1836759/puting-beliung-rusak-493-rumah-warga-di-kabupaten-bandung-10-rumah-di-kabupaten-sumedang>
- Hellström, K., Diószegi, A., & Diaconu, L. (2017). A Broad Literature Review of Density Measurements of Liquid Cast Iron. *MDPI Metals*, 165.
- Madenci, E., & Guven, I. (2015). *The Finite Element Method and Applications in Engineering Using ANSYS*. New York: Springer.
- Maleque, M. A., & Salit, M. S. (2013). Material Selection and Design. In *Material Selection and Design*. London: Spinger.
- N, C. K., Zuber, M., Bhat, S., Shenoy, S., & Kini, C. (2019). Static structural analysis of different stem designs used in total hip arthroplasty using finite element method. *Elsevier*.
- Neptune Technology Group. (2016, December 30). *WaterWorld*. Retrieved from WaterWorld: <https://www.waterworld.com/home/video/16267029/neptune-technology-group-migratable-amr-technology-transforms-bloomingtons-water-department>
- OpenStax University Physics and OpenStax. (2018). *Newton's Laws and Kinematics*. Houston: OpenStax.
- Petrova, R. (2015). Introduction to Static Analysis Using SolidWorks Simulation. In R. Petrova, *Introduction to Static Analysis Using SolidWorks Simulation*. Boca Raton: Taylor & Francis Group.
- Plastic Mold. (2015, May 24). *TOPWORKS PLASTIC MOLD*. Retrieved from TOPWORKS PLASTIC MOLD: <https://www.myplasticmold.com/wall-thickness.html>
- PLASTIM. (2015). *ABS Technical Data Sheet*. Gloucestershire: Plastim Ltd.
- Prodanova, D. (2024, Maret 28). *RAK IoT Made Easy*. Retrieved from RAK IoT Made Easy: <https://news.rakwireless.com/what-is-the-best-antenna-type-for-water-metering/>
- Pusat Penelitian dan Pengembangan Pemukiman Balitbang Kementerian Pekerjaan Umum. (2014). *SPESIFIKASI METER AIR*. Kabupaten Bandung: Kementerian Pekerjaan Umum.

- Putra, J. A., & Misbah, M. N. (2022). Studi Pengaruh Ukuran Bracket Pondasi Mesin terhadap Tegangan dengan Menggunakan Finite Element Method. *Jurnal Teknik ITS*.
- RILIS HUMAS JABAR. (2024, May 2). *jabarprov.go.id*. Retrieved from Portal JabarProv : <https://jabarprov.go.id/berita/bencana-banjir-di-jawa-barat-akibatkan-kerusakan-struktural-infrastruktur-publik-13333>
- SEACAD. (2022, April 20). *seacadtech*. Retrieved from SEACAD: <https://seacadtech.co.id/id/cad-software/>
- Seprianto, D. (2011). PERANCANGAN ALAT BLENDING/MIXING MENGGUNAKAN PERANGKAT LUNAK CAD AUTODESK INVENTOR PROFESSIONAL 2010. *Jurnal Austenit*.
- Siorikis, D. (2022). A Layerwise Spectral Finite Element Method for the Prediction of Stresses and Delamination Crack Growth in Composite Structures Subjected to Static and Impact Loading. *ResearchGate*.
- Smart Water. (2024, Juni 24). *Smart Water*. Retrieved from Smart Water: <https://smartwateronline.com/news/does-rainwater-have-nutrients>
- SolidWorks. (2024). *Dassault Systemes*. Retrieved from Dassault Systemes: [https://help.solidworks.com/2024/English/SolidWorks/cworks/c\\_Factor\\_of\\_Safety\\_Check.htm?verRedirect=1](https://help.solidworks.com/2024/English/SolidWorks/cworks/c_Factor_of_Safety_Check.htm?verRedirect=1)
- Subarkah , L., & Razak, A. H. (2024, Februari 13). *Harian Jogja*. Retrieved from Harian Jogja: <https://jogjapolitan.harianjogja.com/read/2024/02/13/510/1164721/musim-hujan-dishub-jogja-waspadai-kerusakan-apill>
- Syakura, A. (2022, January 18). *Republika*. Retrieved from Republika: <https://visual.republika.co.id/berita/r5wet7314/kurangi-kebocoran-perumda-tirtawening-bandung-gandeng-adaro>
- Tarman, R. N., & Tamrin. (2022). ANALISIS KEHILANGAN AIR (NON REVENUE WATER) PADA PERUSAHAAN DAERAH AIR MINUM (PDAM) KOTA BAU BAU. *Jurnal Riset Rumpun Ilmu Teknik*, 65-77.
- Ugural, A. C., & Fenster, S. K. (2020). Advanced Mechanics of Materials and Applied Elasticity Sixth Edition. In *Advanced Mechanics of Materials and Applied Elasticity Sixth Edition*. London: Pearson Education.
- Walker, J. (2014). *Halliday & Resnick Fundamental of Physics Tenth Edition Extended Edition*. Danver: Wiley.
- Zellers, M. (2023, July 12). *WATER UTILITY MANAGEMENT*. Retrieved from WaterWorld: <https://www.waterworld.com/water-utility-management/article/14296213/amr-system-boosts-oregon-water-districts-meter-reading-speed>