



DAFTAR PUSTAKA

- A. Jayadi and D. Saputra. (2023). *Rancang Bangun Alat Monitoring Ketinggian Air Pada Reservoir Berbasis Internet Of Things* (Vol. 3, pp. 23–32). J. ICTEE.
- A. Zulius. (2017). *Rancang Bangun Kontrol Pintu Air Otomatis Berdasarkan Level Ketinggian air menggunakan arduino dan sensor HC-SR04 pada Dinas PU dan Penataan ruang Kota Lubuklinggau* (Vol. 2, pp. 75–82). J. Sist. Komput. Musirawas.
- Acarnley, P. P. (2002). *Stepping Motors: A Guide to Theory and Practice*. Institution of Electrical Engineers.
<https://books.google.co.id/books?id=zOBmXKh-OicC>
- Amalina, N., Eliza, F., Asnil, A., & Elfizon, E. (2023). Rancang Bangun Sistem Otomasi Pintu Air dan Monitoring Ketinggian Air Berbasis Internet Of Things (IoT). *JTEIN: Jurnal Teknik Elektro Indonesia*, 4(2).
<https://doi.org/10.24036/jtein.v4i2.471>
- Arsyad, S. (2010). *Konservasi Tanah & Air*.
<https://api.semanticscholar.org/CorpusID:177950983>
- Athani, V. (1997). *Stepper motors: Fundamentals, applications and design*. New Age International.
- Azmi, U., Hadi, Z. N., & Soraya, S. (2020). *ARDL METHOD: Forecasting Data Curah Hujan Harian* NTB. 3(2), 73–82.
<https://doi.org/10.30812/varian.v3i2.627>
- Blauch, A. J., Bodson, M., & Chiasson, J. (1993). High-speed parameter estimation of stepper motors. *IEEE Transactions on Control Systems Technology*, 1(4), 270–279.
- Brutsaert, W. (2005). *Hydrology: An Introduction*. Cambridge University Press.
<https://books.google.co.id/books?id=nbz3CwAAQBAJ>
- Burt, C. M., & Styles, S. W. (1999). *Modern water control and management practices in irrigation: Impact on performance*.
<https://api.semanticscholar.org/CorpusID:128703551>
- Clemmens, A. J., & Bos, M. G. (1990). *Management of Irrigation and Drainage Systems*. ASCE.
- El-Sharkawi, M. (2019). *Fundamentals of Electric Drives*. Cengage Learning.
<https://books.google.co.id/books?id=Qd3JswEACAAJ>
- Fitzgerald, A. E., Kingsley, C., & Umans, S. D. (2003). *Electric Machinery*. McGraw-Hill.
<https://books.google.co.id/books?id=teoeAQAAIAAJ>
- Getu, B. N., & Attia, H. A. (2016). Automatic water level sensor and controller system. *2016 5th International Conference on Electronic Devices, Systems and Applications (ICEDSA)*, 1–4.
<https://doi.org/10.1109/ICEDSA.2016.7818550>
- Hidayah, S., & Prihantoko, A. (2017). Pintu Air Irigasi Elektromekanis Kombinasi Aliran Atas dan Bawah. *Jurnal Irigasi*, 11(2), 113.
<https://doi.org/10.31028/ji.v11.i2.113-124>
- Hunt, E. R., & Rondon, S. I. (2021). Evaluation of multispectral UAV remote sensing for monitoring potato canopy characteristics and estimating yield. In *Remote Sensing* (Vol. 2, p. 337).



- Imron, F., Murtiningrum, M., & Arif, S. S. (2022). Analisis Kesiapan Modernisasi Irigasi dan Optimasi Alokasi Air Irigasi pada Daerah Irigasi Belitang. *agriTECH*, 42(4), 329. <https://doi.org/10.22146/agritech.67203>
- Ismoyo, M. J. (2012). *Pengaturan Pintu Irigasi Mrican Kanan Dalam Pengoperasian kebutuhan Air Irigasi*.
- Kim, Y., Evans, R. G., & Iversen, W. M. (2008). Remote sensing and control of an irrigation system using a distributed wireless sensor network. In *IEEE Transactions on Instrumentation and Measurement* (Vol. 7, pp. 1379–1387).
- Kuo, B. C., & Golnaraghi, M. F. (2003). *Automatic Control Systems*. John Wiley & Sons. <https://books.google.co.id/books?id=gYWIPwAACAAJ>
- Linsley, R. K., Kohler, M. A., & Paulhus, J. L. H. (1982). *Hydrology for Engineers*. McGraw-Hill. <https://books.google.co.id/books?id=9vROAAAAAMAAJ>
- Lowenberg-DeBoer, J., & Erickson, B. (2019). *Precision Agriculture Technology for Crop Farming*. John Wiley & Sons.
- Maes, W. H., & Steppe, K. (2019). Perspectives for remote sensing with unmanned aerial vehicles in precision agriculture. In *Trends in Plant Science* (Vol. 2, pp. 152–164).
- Maidment, D. R. (1993). *Handbook of Hydrology*. McGraw Hill LLC. <https://books.google.co.id/books?id=6N7kTUv3dV4C>
- Muhaimin, M., Alfaresi, B., & Ardianto, F. (2021). Perancangan Miniatur Pintu Air Otomatis Berbasis Sensor Water Level dan Arduino Uno pada Sistem Irigasi Persawahan. *Jurnal Serambi Engineering*, 6(3). <https://doi.org/10.32672/jse.v6i3.3125>
- Nise, N. S. (2020). *Control Systems Engineering*. Wiley. <https://books.google.co.id/books?id=sEL2DwAAQBAJ>
- Nugroho, A. P., Muliana, S. Y., Murtiningrum, & Arif, S. S. (2022). *Economic Analysis Based on Software Cost Estimation Model on the Development of Telemetry Equipment to Support the Irrigation Modernization*: 2nd International Conference on Smart and Innovative Agriculture (ICoSIA 2021), Yogyakarta, Indonesia. <https://doi.org/10.2991/absr.k.220305.017>
- Ogata, K. (2010). *Modern control engineering* (5th ed). Prentice-Hall.
- Ponce, V. M. (1989). *Engineering Hydrology: Principles and Practices*. Prentice Hall. <https://books.google.co.id/books?id=TIXFQgAACAAJ>
- Pramudita, D. (2017). *PROTOTYPE SISTEM BUKA TUTUP PINTU AIR OTOMATIS PADA PERSAWAHAN BERBASIS ARDUINO UNO*.
- Rasidi, A., & Boediningsih, W. (2023). *Konservasi dan Pengelolaan Sumber Daya Air Berkelanjutan di Kabupaten Klaten Jawa Tengah*.
- Rumagit, D. J. (2019). *IDENTIFIKASI KERUSAKAN PINTU AIR DI DAERAH IRIGASI ALALE KABUPATEN BONE BOLANGO*. 7(1).
- Saydi, R. (2021). Monitoring Curah Hujan dan Kelengasan Tanah Lahan Pertanian Menggunakan Sensor Berbasis Internet of Things (IoT) sebagai Dasar Pertanian Presisi. *Jurnal Ilmiah Teknologi Pertanian Agrotechno*, 6, 25–31.
- Sulaech, E., & Setiawan, B. I. (2021). Desain Pintu Air Berbantu Komputer Untuk Saluran Irigasi Tersier di Daerah Irigasi Cikarawang Bogor: Computer-Aided Design Water Gate for Tertiary Irrigation Channels in



- Bogor-Cikarawang Irrigation Area. *Jurnal Teknik Sipil dan Lingkungan*, 5(3), 137–152. <https://doi.org/10.29244/jtsil.5.3.137-152>
- Suripin. (2019). *Mekanika Fluida dan Hidraulika Saluran Terbuka untuk Teknik Sipil* (1st ed). ANDI OFFSET.
- Te Chow, V. (1964). *Handbook of Applied Hydrology: A Compendium of Water-resources Technology* (Issue v. 1). McGraw-Hill. <https://books.google.co.id/books?id=6PxOAAAAMAAJ>
- Tri Asmorowati, E., & Sarasanty, D. (2021). Perencanaan Perhitungan AKNOP Pada Daerah Irigasi Mrican Sebagai Upaya Peningkatan Kinerja Irigasi. *Cantilever: Jurnal Penelitian dan Kajian Bidang Teknik Sipil*, 10(1), 11–17. <https://doi.org/10.35139/cantilever.v10i1.84>
- Wijaya, H. S., & Yakabeus, A. W. (2020). *STUDI PERENCANAAN PINTU AIR IRIGASI DENGAN BAHAN BAJA RINGAN PADA SALURAN IRIGASI TAMBAK DI DESA PERMISAN KECAMATAN JABON KABUPATEN SIDOARJO*. 12(2).
- Wiyana, D. (2020). *Perancangan Automatic Water Level Monitoring System (AWLMS) Berbasis IOT Untuk Saluran Irigasi Sekunder dan Tersier*. [Diss]. Gadjah Mada.
- Zhang, N., Wang, M., & Wang, N. (2002). *Precision agriculture—A worldwide overview*. *Computers and Electronics in Agriculture* (Vols. 2–3, pp. 113–132).