

DAFTAR PUSTAKA

- Alhakiem, F. Z., Anggara, M., & Rohman, S. A. (2021). Analisis Sudut Lengkung Sudu Horizontal Axis Savonius Water Turbine Pada Pipa Air Vertikal Menggunakan Computational Fluid Dynamic (Cfd). *Hexagon Jurnal Teknik Dan Sains*, 2(1), 8–11. <https://doi.org/10.36761/hexagon.v2i1.870>
- Arteaga-hernández, T. M., Villegas-león, J. J., & Acuña-izquierdo, F. L. (2024). *Head losses and experimental loss coefficient in 45 o and 90 o elbows of PVC pipes with small diameters for single-phase flow and moderate Reynolds numbers*. <https://doi.org/10.20944/preprints202406.0560.v1>
- Bíbok, M., Csizmadia, P., & Till, S. (2020). Experimental and numerical investigation of the loss coefficient of a 90° pipe bend for power-law fluid. *Periodica Polytechnica Chemical Engineering*, 64(4), 469–478. <https://doi.org/10.3311/PPch.14346>
- Cheng. (1994). *United States Patent*.
- Faradis, L. E., Aulia, N. F., Hamim, A., Safarudin, Y. M., & Mei, B. (2024). *Numerical Study Of The Influence Of Air Flow Through Rectangular Elbow 90 ° With Triangle Inlet Body Disturbance*. 20(01), 4–8.
- Gajbhiye, B. D., Kulkarni, H. A., Tiwari, S. S., & Mathpati, C. S. (2020). Teaching turbulent flow through pipe fittings using computational fluid dynamics approach. *Engineering Reports*, 2(1), 1–18. <https://doi.org/10.1002/eng2.12093>
- Ghurri, A. (2014). Dasar-Dasar Mekanika Fluida Ainul Ghurri Ph . D . Jurusan Teknik Mesin – Universitas Udayana, 1.
- Jing, J., Yin, X., Mastobaev, B. N., Valeev, A. R., Sun, J., Wang, S., Liu, H., & Zhuang, L. (2020). Experimental study on highly viscous oil-water annular flow in a horizontal pipe with 90° elbow. *International Journal of Multiphase Flow*, 135, 103–499. <https://doi.org/10.1016/j.ijmultiphaseflow.2020.103499>
- Kurniawan, B., Basuki, & Irfai, M. A. (2020). Pengaruh Jenis Sambungan Pipa Elbow 90° dan Short Bend Terhadap Head Loss Pada Sistem Perpipaan. *Jurnal Reaktom*, 5, 28–32.
- Li, A., Wang, Z., Zhu, L., Wang, Z., Shi, J., & Yang, W. (2022). Design optimization of guide vane for mitigating elbow erosion using computational fluid dynamics and response surface methodology. *Particuology*, 63, 83–94. <https://doi.org/10.1016/j.partic.2021.02.006>
- Miller, D. S. (1990). *Internal Flow Systems*.
- Munson, B. R., Okiishi, T. H., Huebsch, W. W., Rothmayer, & P, A. (2013). Fundamentals of Fluid Mechanics Seventh Edition. In *Instrumentation, Measurements, and Experiments in Fluids*.
- Nurhaliza, N., Putra, Y. S., & Kushadiwijayanto, A. A. (2023). Studi Numerik Pola Aliran di Sekitar Pintu Air Menggunakan Pendekatan Komputasi Dinamika Fluida. *Prisma Fisika*, 10(3), 241. <https://doi.org/10.26418/pf.v10i3.57851>
- Pritchard, P. J. (2015). *FOX AND MCDONALD INTRODUCTION TO FLUID MECHANIC*.
- White, F. M. (2011). Fluid Mechanics Fourth Edition. In *Mechanobiology*

- Handbook.* <https://doi.org/10.2478/jtam-2013-0011>
- Yin, Y., Wen, X., Zhang, J., & Li, A. (2022). Geometric parameters optimization of low resistance T-junction with guide vanes in HVAC system. *E3S Web of Conferences*, 356, 3–6. <https://doi.org/10.1051/e3sconf/202235602056>
- Ziganshin, A., Eremina, S., Safiullina, G., & Logachev, K. (2021). Numerical Study of the Flow in a Symmetrical Ventilation Junction Tee with a Baffle Vane. In *Lecture Notes in Civil Engineering* (Vol. 169). https://doi.org/10.1007/978-3-030-80103-8_39