DAFTAR PUSTAKA

Abd, A. A., Kareem, M. Q. & Naji, S. Z. (2018) 'Performance Analysis of Shell and Tube Heat Exchanger: Parametric Study', *Case Studies in Thermal Engineering*, 12, pp. 563–568. doi: 10.1016/j.csite.2018.07.009.

Afandi, N. & Arsana, I. M. (2018) 'SIMULASI PERFORMANSI HEAT EXCHANGER TIPE SHELL AND TUBE DENGAN HELICAL BAFFLE DAN DISK AND DOUGHNUT BAFFLE', *Jurnal Teknik Mesin*, 6(1), pp. 61–68.

Anand, K., Pravin, V. K. & Veena, P. H. (2014) 'Experimental Investigation of Shell and Tube Heat Exchanger Using Bell Delaware Method', *International Journal for Research in applied Sciente and Engineering Technology (IJRASET)*, 2(I), pp. 73–85.

ANSYS Inc (2013) *ANSYS Fluent Theory Guide*.

Arani, A. A. A. & Moradi, R. (2019) 'Shell and tube heat exchanger optimization using new baffle and tube configuration', *Applied Thermal Engineering*, 157(May). doi: 10.1016/j.applthermaleng.2019.113736.

Ariwibowo, T. H. *et al.* (2016) 'STUDI EKSPERIMEN KARAKTERISTIK SHELL-AND-TUBE HEAT EXCHANGER DENGAN VARIASI JENIS BAFFLE DAN JARAK ANTAR BAFFLE', *Jurnal Ilmu Fisika*, 8(2), pp. 87–97. doi: 10.25077/jif.8.2.87-97.2016.

Azkiya, M. Z. & Maulana, E. (2020) 'PERANCANGAN ALAT PENUKAR KALOR UNTUK PEMBANGKIT SISTEM ORC', *Jurnal Penelitian Dan Karya Ilmiah Lembaga Penelitian Universitas Trisakti*, 5(2), p. 99. doi: 10.25105/pdk.v5i2.7364.

Bichkar, P. *et al.* (2018) 'Study of Shell and Tube Heat Exchanger with the Effect of Types of Baffles', *Procedia Manufacturing*, 20, pp. 195–200. doi: 10.1016/j.promfg.2018.02.028.

Chen, J. *et al.* (2020) 'Experimental thermal-hydraulic performances of heat exchangers with different baffle patterns', *Energy*, 205. doi: 10.1016/j.energy.2020.118066.

Chen, L. (2010) 'A NEW CLASS OF HIGH ORDER FINITE VOLUME METHODS FOR SECOND ORDER ELLIPTIC EQUATIONS', *SIAM Journal on Numerical Analysis*, 47(6), pp. 4021–4043. doi: 10.1137/080720164.

Duan, Z. *et al.* (2020) 'Experimental Study on Uniform and Mixed Bed-Load Sediment Transport under Steady Flow', *Applied Sciences (Switzerland)*, 10(6). doi: 10.3390/app10062002.

El-Said, E. M. S. & Al-Sood, M. M. A. (2019) 'Shell and tube heat exchanger with new segmental baffles configurations: A comparative experimental investigation', *Applied Thermal Engineering*, 150(August 2018), pp. 803–810. doi: 10.1016/j.applthermaleng.2019.01.039.

Farina, F. (2020) *ANALISIS HEAT EXCHANGER TIPE SHELL AND TUBE PADA SISTEM HYDRAULIC POWER PACK DENGAN METODE BELL-DELAWARE*. Universitas Pembangunan Nasional Veteran Jakarta.

Van Garrel, A., Venner, C. H. & Hoeijmakers, H. W. M. (2017) 'Fast Multilevel Panel Method for Wind Turbine Rotor Flow Simulations', *Wind Energy Symposium*, 35(January), pp. 1–19. doi: 10.2514/6.2017-2001.

Husainiy, M. Q. A. & Nugroho, G. (2013) 'INVESTIGASI KARAKTERISTIK PERPINDAHAN PANAS PADA DESAIN HELICAL BAFFLE PENUKAR PANAS TIPE SHELL AND TUBE BERBASIS COMPUTATIONAL FLUID DYNAMICS (CFD)', pp. 1–8.

Kamthe, S. S. & Barve, S. B. (2017) 'Effect of Different types of Baffles on Heat Transfer & Pressure Drop of Shell and Tube Heat Exchanger: A review', *International Journal of Current Engineering and Technology*, 06(07), pp. 38–41. doi: 10.15623/ijret.2017.0607007.

Kiswoyo, E. & Ramadhan, A. I. (2017) 'PERANCANGAN DAN VALIDASI DESAIN ALAT PENUKAR KALOR TIPE SHELL AND TUBE MENGGUNAKAN COMPUTATIONAL FLUID DYNAMICS', *DINAMIKA Jurnal Ilmiah Teknik Mesin*, 8(2), pp. 39–46.

Klistafani, Y. (2017) 'Studi Numerik Steady RANS Aliran Fluida di Dalam Asymmetric Diffuser', *INTEK*, 4(1), pp. 20–26. doi: 10.31963/intek.v4i1.100.

Milcheva, I., Heberle, F. & Brüggemann, D. (2017) 'Modeling and simulation of a shell-and-tube heat exchanger for Organic Rankine Cycle systems with double-segmental baffles by adapting the Bell-Delaware method', *Applied Thermal Engineering*, 126, pp. 507–517. doi: 10.1016/j.applthermaleng.2017.07.020.

Nurcholis, L. (2008) 'PERHITUNGAN LAJU ALIRAN FLUIDA PADA JARINGAN PIPA', *Traksi*, 7(1), p. 13.

Saeid, N. H. & Seetharamu, K. N. (2006) 'Finite element analysis for co-current and counter-current parallel flow three-fluid heat exchanger', *International Journal of Numerical Methods for Heat and Fluid Flow*, 16(3), pp. 324–337. doi: 10.1108/09615530610649744.

Shaughnessy, E. J., Katz, I. M. & Schaffer, J. P. (2005) *INTRODUCTION TO FLUID MECHANICS, SFPE Handbook of Fire Protection Engineering, Fifth Edition*. Oxford University Press, Inc. doi: 10.1007/978-1-4939-2565-0_1.

Shrikant, A. A. *et al.* (2016) 'CFD simulation study of shell and tube heat exchangers with different baffle segment configurations', *Applied Thermal Engineering*, 108, pp. 999–1007. doi: 10.1016/j.applthermaleng.2016.08.013.

Spalding, D. B. & Taborek, J. (1983) *HEAT EXCHANGER DESIGN HANDBOOK*. 1st edn, *Hemisphere Publishing Corporation*. 1st edn. Edited by E. U. Schlünder. Washington, New York, London: Düsseldorf : VDI-Verlag. doi: 10.1615/hedhme.a.000170.

Tu, J., Yeoh, G. H. & Liu, C. (2018) 'CFD Mesh Generation: A Practical Guideline', in *Computational Fluid Dynamics*, pp. 125–154. doi: 10.1016/b978-0-08-101127-0.00004-0.

Tubular Exchanger Manufacturers Association Inc (2007) *STANDARDS OF THE TUBULAR EXCHANGER MANUFACTURERS ASSOCIATION*. 9th edn.

White, F. M. (1974) *VISCOUS FLUID FLOW*. 2nd edn. Edited by L. Beamesderfer and J. M. Morriss. McGraw Hill, Inc.

Zainudin, Sayoga, I. M. A. & Nuarsa, I. M. (2012) 'Analisa Pengaruh Variasi Sudut Sambungan Belokan Terhadap Head Losses Aliran Pipa', *Dinamika Teknik Mesin*, 2(2), pp. 75–83. doi: 10.29303/d.v2i2.97.

Zhang, X. *et al.* (2018) 'RECENT DEVELOPMENTS IN HIGH TEMPERATURE HEAT EXCHANGERS: A REVIEW', *Frontiers in Heat and Mass Transfer*, 11(July). doi: 10.5098/hmt.11.18.