

DAFTAR PUSTAKA

- Aries, R. S., and Newton, R. D. (1955). *Chemical Engineering Cost Estimation*. New York: McGraw-Hill.
- Awwaluddin, M., Santosa, P., & Suwardiyono. (2012). PERHITUNGAN KEBUTUHAN COOLING TOWER PADA RANCANG BANGUN UNTAI UJI SISTEM KENDALI REAKTOR RISET, 9, 34–41.
- Badan Pusat Statistika. (2013). *Proyeksi Penduduk Indonesia 2010-2035*. Jakarta: Badan Pusat Statistika.
- Brown, G. G. (1950). *Unit Operations*. New Delhi: CBS.
- Brownell, L. E., & Young, E. H. (1959). *Process Equipment Design*. New York: John Wiley & Sons, inc.
- Evans, L. S. (1974). *Selecting Engineering Materials for Chemical and Process Plant*. Wiley.
- Goto, S., Tagawa, T., & Yusoff, A. (1991). Kinetics of The Esterification of Palmitic Acid with Isobutyl Alcohol. *International Journal of Chemical Kinetics*, 23(1), 17–26. <https://doi.org/10.1002/kin.550230103>
- Goto, S., Takeuchi, M., & Matouq, M. H. (1992). Kinetics of esterification of palmitic acid with isobutyl alcohol on ion-exchange resin pellets. *International Journal of Chemical Kinetics*, 24(6), 587–592. <https://doi.org/10.1002/kin.550240608>
- Holman, J. P. (1986). *Heat Transfer* (10th ed.). New York: McGraw-Hill.
- Kern, D. Q. (1950). *Process Heat Transfer*. Tokyo: McGraw-Hill.
- Martínez, I. (2018). Heat Exchangers, 1–18. Retrieved from [http://webserver.dmt.upm.es/~isidoro/bk3/c12/Heat exchangers.pdf](http://webserver.dmt.upm.es/~isidoro/bk3/c12/Heat%20exchangers.pdf)
- Metcalf, & Eddy. (1991). *Wastewater Engineering: Treatment and Reuse*. (G. Tchobanoglous, F. L. Burton, & H. D. Stensel, Eds.). Toronto: McGraw-Hill.
- Nur, A., Anugrah, R., & Farnas, Z. (2016). EFEKTIVITAS DAN EFISIENSI KOAGULAN POLY ALUMINIUM CHLORIDE (PAC) TERHADAP PERFORMANCE IPA KTK PDAM SOLOK, 1–4.

- Peters, M. S., and Timmerhaus, K. D.(1991). *Plant Design and Economics for Chemical Engineers* (4th ed). Singapore: McGraw-Hill.
- Pfeifer. (2014). *Distillation. Practica in Process Engineering II*. Zurich.
- Powell, S. T. (1954). *Water Conditioning for Industry*. New York: McGraw-Hill.
- Rase, H. F. (1977). *Chemical Reactor Design for Process Plants*.
- Raymus, G. J. (1999). *Handling of Bulk Solids and Packaging of Solids and Liquids*.
- Schweitzer, P. A. (1979). *Handbook of Separation Techniques for Chemical Engineers*. New York: John Wiley & Sons, inc.
- Shah, R. K., & Sekulic, D. P. (2006). *Fundamentals of Heat Exchanger Design* (Vol. c). <https://doi.org/10.1615/AtoZ.c.CLAOFHEAEXC>
- Sinnot, R. K. (1983). *Coulson & Richardson's Chemical Engineering Design* (4th ed.).
- Solomons, T. W. G., & Fryhle, C. B. (2011). *Organic Chemistry* (10th ed.).
- Treybal, R. E. (1980). *Mass Transfer Operations*. Singapore: McGraw-Hill.
- Walas, S. M. (1990). *Chemical Process Equipment*. Massachusetts: Butterworth-Heinemann.
- Zinka, Alviansyah., (2016). Prarancangan Pabrik Isobutil Palmitat dari Asam Palmitat dan Isobutil alkohol Kapasitas 15.000 Ton/Tahun. *Skripsi*. Fakultas Teknik Jurusan Teknik Kimia UNS Surakarta.
- Zohuri, B. (2016). *Compact Heat Exchangers: Selection, Application, Design and Evaluation*. <https://doi.org/10.1007/978-3-319-29835-1>
- <http://www.alibaba.com>, diakses pada tanggal 23 Mei 2019.
- <http://www.bi.go.id>, diakses pada tanggal 23 Mei 2019.
- <http://matche.com>, diakses pada tanggal 23 Mei 2019.
- <http://www.mhhe.com>, diakses pada tanggal 23 Mei 2019.