

DAFTAR PUSTAKA

- Baker, O. (1954). Simultaneous Flow of Oil and Gas. *Oil & Gas Journal*, 53, 185–190. <https://doi.org/10.2118/323-g>
- Choe, W. G., & Weisman, J. (1974). Flow Patterns and Pressure Drop in Cocurrent, Vapor/Liquid Flow. In *University of Cincinnati Report*.
- Coleman, J. W., & Garimella, S. (1999). Characterization of two-phase flow patterns in small diameter round and rectangular tubes. *International Journal of Heat and Mass Transfer*, 42(15), 2869–2881. [https://doi.org/10.1016/S0017-9310\(98\)00362-7](https://doi.org/10.1016/S0017-9310(98)00362-7)
- Damianides, C. A., & Westwater, J. M. (1988). Two-Phase Flow Patterns in a Compact Heat Exchanger and in Small Tubes. *2nd U.K. National Conference on Heat Transfer*, 2, 1257–1268.
- Dinaryanto, O., Widyatama, A., Majid, A. I., Deendarlianto, & Indarto. (2016). Image processing analysis on the air-water slug two-phase flow in a horizontal pipe. *AIP Conference Proceedings*, 1737. <https://doi.org/10.1063/1.4949299>
- Fu, T., Wei, L., Zhu, C., & Ma, Y. (2015). Flow patterns of liquid-liquid two-phase flow in non-Newtonian fluids in rectangular microchannels. *Chemical Engineering and Processing: Process Intensification*, 91, 114–120. <https://doi.org/10.1016/j.cep.2015.03.020>
- Lockhart, R. W., & Martinelli, R. C. (1949). Proposed Correlation of Data for Isothermal Two-Phase, Two-Component Flow in Pipes. *Chemical Engineering Progress*, 45, 39–48.
- Mandhane, J. M., Gregory, G. A., & Aziz, K. (1974). A flow pattern map for gas-liquid flow in horizontal pipes. *International Journal of Multiphase Flow*, 1(4), 537–553. [https://doi.org/10.1016/0301-9322\(74\)90006-8](https://doi.org/10.1016/0301-9322(74)90006-8)
- Massoud, M. (2005). Engineering Thermofluids. In *Engineering Thermofluids*. <https://doi.org/10.1007/b138870>
- McAndrew, A. (2015). A computational introduction to digital image processing, second edition. In *A Computational Introduction to Digital Image Processing, Second Edition*.
- Rahim, E., Revellin, R., Thome, P. J. R., & Bar-Cohen, A. (2011). Characterization and Prediction of Two-Phase Flow Regimes in Miniature Tubes. *International Journal of Multiphase Flow*, 37, 12–23.
- Revellin, R., & Thome, P. J. R. (2006). Experimental Two-Phase Fluid Flow in Microchannels. In *Swiss Federal Institute of Technology Lausanne* (Vol. 3437, Issue September).
- Revellin, R., & Thome, P. J. R. (2007). Experimental Investigation of R-134a and R-245fa Two Phase Flow in Microchannels for Different Flow Conditions. *International Journal of Heat Fluid Flow*, 28, 63–71.
- Rouhani, S. Z., & Sohal, M. S. (1983). Two-phase flow patterns: A review of research results. *Progress in Nuclear Energy*, 11(3), 219–259. [https://doi.org/10.1016/0149-1970\(83\)90012-4](https://doi.org/10.1016/0149-1970(83)90012-4)
- Serizawa, A., Feng, Z., & Kawara, Z. (2002). Two-phase flow in microchannels. *Experimental Thermal and Fluid Science*, 26, 703–714.

- <https://doi.org/10.1201/b19261-22>
- Suo, M., & Griffith, P. (1964). Two-Phase Flow in Capillary Tubes. *Basic Engineering, September*, 576–582.
- Triplett, K. A., Ghiaasiaan, S. M., Abdel-Khalik, S. I., & Sadowski, D. L. (1999). Gas-liquid two-phase flow in microchannels part I: Two-phase flow patterns. *International Journal of Multiphase Flow*, 25(3), 377–394. [https://doi.org/10.1016/S0301-9322\(98\)00054-8](https://doi.org/10.1016/S0301-9322(98)00054-8)
- Ullmann, A., & Brauner, N. (2006). The Prediction of Flow Pattern Maps in Mini Channels. *4th Japanese-European Two-Phase Flow Group Meeting*.
- Ullmann, A., & Brauner, N. (2007). The Prediction of Flow Pattern Maps in Mini Channels. *Multiphase Science Technology*, 19, 49–73.
- Widyatama, A., Dinaryanto, O., Indarto, & Deendarlianto. (2018). The development of image processing technique to study the interfacial behavior of air-water slug two-phase flow in horizontal pipes. *Flow Measurement and Instrumentation*, 59(December 2017), 168–180. <https://doi.org/10.1016/j.flowmeasinst.2017.12.015>
- Yadigaroglu, G., Hestroni, G., & Hewitt, G. F. (2018). Introduction to Multiphase Flow. In *Fundamentals of Multiphase Flow*. <https://doi.org/10.1017/cbo9780511807169.002>
- Yang, C. Y., & Shieh, C. C. (2001). Flow pattern of air-water and two-phase R-134a in small circular tubes. *International Journal of Multiphase Flow*, 27(7), 1163–1177. [https://doi.org/10.1016/S0301-9322\(00\)00070-7](https://doi.org/10.1016/S0301-9322(00)00070-7)
- Yang, Z. C., Bi, Q. C., Liu, B., & Huang, K. X. (2010). Nitrogen/non-Newtonian Fluid Two-Phase Upward Flow in Non-Circular Microchannels. *International Journal of Multiphase Flow*, 36(1), 60–70. <https://doi.org/10.1016/j.ijmultiphaseflow.2009.07.011>
- Zhang, T., Cao, B., Fan, Y., Gonthier, Y., Luo, L., & Wang, S. (2011). Gas-liquid flow in circular microchannel. Part I: Influence of liquid physical properties and channel diameter on flow patterns. *Chemical Engineering Science*, 66(23), 5791–5803. <https://doi.org/10.1016/j.ces.2011.07.035>