

DAFRAR PUSTAKA

- Chung, P. M.Y., dan M. Kawaji. 2004. "The Effect of Channel Diameter on Adiabatic Two-Phase Flow Characteristics in Microchannels." *International Journal of Multiphase Flow* 30(7-8 SPEC. ISS.): 735–61.
- Yadigaroglu, George, dan Geoffrey F. Hewitt, eds. *Introduction to multiphase flow: basic concepts, applications and modelling*. Springer, 2017.
- Mandhane, J.M., Gregory, G.A., Azis, K., 1974, A flow pattern map for gas-liquid flow in horizontal pipe, *Int. J. Multiphase Flow*, vol. 1, pp. 537-553.
- Liu D., Sur A., 2012, Adiabatic Air-Water Two-Phase Flow in Circular Microchannels, *Int. J. Thermal Sciences*, Vol. 53, pp. 18-34.
- Elazhary, A.M., Soliman, H.M., 2012, Two-phase flow in a horizontal mini-size impacting T-junction with a rectangular cross-section, *Int. J. Multiph. Flow* 42 104–114.
- Haase, S., 2016, Characterisation of gas-liquid two phase flow in minichannels with co-flowing fluid injection inside the channel, part I : unified mapping of flow regimes, *Int. J. Multiphase Flow*, vol. 87 , pp. 197-211
- Yamamoto, K., Ogata, S., 2013, Effects of T-junction size on bubble generation and flow instability for two-phase flow in circular microchannels, *Int. J. Multiphase Flow*, vol. 49, pp. 24-30.
- Kandlikar, Satish G., dan William J. Grande. "Evolution of microchannel flow passages--thermohydraulic performance and fabrication technology." *Heat transfer engineering* 24, no. 1 (2003): 3-17.
- Triplett, K. A., Ghiaasiaan, S. M., Abdel-khalik, S.I., dan Sadowski, D. L., 1999, Gas-Liquid Two-phase Flow in Microchannels. Part I: Two-Phase Flow Pattern, *Int. J. Multiphase Flow*, Vol. 25, pp. 377-394.

- Santos, Rafael M., dan Masahiro Kawaji. "Numerical modeling and experimental investigation of gas-liquid slug formation in a microchannel T-junction." *International Journal of Multiphase Flow* 36, no. 4 (2010): 314-323.
- Dukler, Abraham E., dan Martin G. Hubbard. "A model for gas-liquid slug flow in horizontal and near horizontal tubes." *Industrial & Engineering Chemistry Fundamentals* 14, no. 4 (1975): 337-347.
- Widyatama, Arif, Okto Dinaryanto, Indarto, dan 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): 168-80.
<https://doi.org/10.1016/j.flowmeasinst.2017.12.015>.
- McAndrew, Alasdair. "An introduction to digital image processing with matlab notes for scm2511 image processing." *School of Computer Science and Mathematics, Victoria University of Technology* 264, no. 1 (2004): 1-264.
- Fiddes, Lindsey K., Edmond WK Young, Eugenia Kumacheva, dan Aaron R. Wheeler. "Flow of microgel capsules through topographically patterned microchannels." *Lab on a Chip* 7, no. 7 (2007): 863-867.
- S. Arias, R. Gonzales-Cinca, 2016, Analysis of characteristic lengths in the bubble and slug flow regimes generated in a capillary T-junction, *Int. J. Multiphase Flow*, vol.87 , pp. 167-174.
- Fukano T., Kariyasaki A., 1993, Characteristics of gas-liquid two-phase flow in a capillary tube, *Nuclear Engineering and Design*, Vol. 141, pp. 59-68.