

DAFTAR PUSTAKA

- Ali, M.I., Sadatomi, M., Kawaji, M., 1993. Two-phase flow in narrow channels between two flat plates. *Can. J. Chem. Eng.*, Vol. 71, pp. 657–666.
- Baker, O., 1954, Simultaneous flow of oil and gas. *Oil Gas J.*, Vol. 53, pp. 185–195.
- Barajas, A.M., Panton, R.L., 1993, The effect of contact angle on two-phase flow in capillary tubes. *Int. J. Multiphase Flow*, Vol. 19, pp. 337-346.
- Barnea, D., Luninski, Y., Taitel, Y., 1983, Flow in small diameter pipes. *Can. J. Chem. Engng*, Vol. 61, pp. 617-620.
- Brauner, N., Moalem-Maron, D., 1992, Identification of the range of small diameter conduits, regarding two-phase flow pattern transitions. *Int. Commun. Heat Mass Transfer*, Vol. 19, pp. 29-39.
- Chen W.L., Twu, M.C., Pan C., 2002, Gas-liquid two-phase flow in microchannels, *Int. J. Multiphase Flow*, Vol. 28, pp.1235-1247.
- Chung, P.M.-Y., Kawaji, M., 2004. The effect of channel diameter on adiabatic two-phase flow characteristics in microchannel. *Int. J. Multiphase flow*, Vol. 30, pp. 735-761.
- Coleman, J. W., and Garimella, S., 1999, Characteristics of two-phase flow pattern in small diameter round and rectangular tubes. *Int. J. Multiphase flow*, Vol. 42, pp. 2869-2881.
- Ekberg, N.P., Ghiaasiaan, S.M., Abdel-Khalik, S.I., Yoda, M., Jeter, S.M., 1999, Gas-liquid two-phase flow in narrow horizontal annuli, *Nuclear Engineering and Design*, Vol. 192, pp. 59-80.
- Fukano T., Kariyasaki A., 1993, Characteristics of gaseliquid two-phase flow in a capillary tube, *Nuclear Engineering and Design*, Vol. 141, pp. 59-68.
- Gopal, M. and Jepson, W.P., 1997, Development of Digital Image Analysis Techniques for the Study of Velocity and Void Profile in Slug Flow, *Int. J. of Multiphase Flow*, Vol. 23, No. 5, pp. 945-965.
- Hassan I., Pehlivan K., Vaillancourt M., 2006, Experimental study on two-phase flow and pressure drop in millimeter-size channel, *Applied Thermal Engineering*, Vol. 26, pp. 1506-1514.
- Kandlikar, S.G., Grande, W.J., 2003, Evolution of microchannel flow passage – thermohydraulic performance and fabrication technology, *Heat Transfer Eng*, Vol. 24, pp. 3 – 17.

- Kawahara A., Chung P.M., Kawaji M., 2002, Investigation of two-phase flow pattern, void fraction and pressure drop in a microchannel, *Int. J. Multiphase Flow*, Vol. 28, pp. 1411-1435.
- Lee, H.J., Lee, S.Y., 2001a, Pressure drop correlations for two-phase flow within horizontal rectangular channels with small height, *Int. J. Multiphase Flow*, Vol. 27, pp. 783-796.
- Lin, P.Y., Hanratty, T.J., 1987, Effect Of Pipe Diameter On Flow Patterns For Air-Water Flow In Horizontal Pipes, *Int. J. Multiphase Flow*, Vol. 13, pp. 549-563.
- Liu D., Sur A., 2012, Adiabatic air-water two-phase flow in circular microchannels, *Int. J. Thermal Sciences*, Vol. 53, pp. 18-34.
- Lockhart, R.W. and R.C. Martinelli., 1949, Proposed correlation of data for isothermal two-phase, two component flow in pipes, *Chemical Engineering Progress*, Vol. 45, pp. 39-48.
- Mandhane, J.M., Gregory, G.A., Aziz, K., 1974, A Flow Pattern Map For Gas-Liquid Flow In Horizontal And Inclined Pipes. *Int. J. of Multiphase Flow*, Vol. 1, pp. 537-553.
- Mayor, T.S., Pinto, A.M.F.R., Campos, J.B.L.M., 2007, An image analysis technique for the study of gas-liquid slug flow along vertical pipes – associated uncertainty, *Flow Measurement and Instrumentation*, Vol 18, pp. 139-147.
- Mishima K., Hibiki T., 1996, Some characteristics of air-water two-phase flow in small diameter vertical tubes, *Int. J. Multiphase flow*, Vol 2, pp. 703-712.
- Montoya, G.A., Deendarlianto, Lucas, D., Hohne, T., Vallee, C., 2012. Image Processing Based Study of Interfacial Behavior of the Countercurrent Gas-Liquid Two-Phase Flow in Hot Leg of a PWR. *Science and Technology of Nuclear Installation*, Vol. 2012, pp. 1-10.
- Ozbayoglu, A.M., Yuksel, H.E., 2012. Analysis of gas-liquid Behaviour in Eccentric Horizontal Annuli With Image Processing And Artificial Intelligence Techniques . *Journal of Petroleum Science and Engineering*, Vol. 81, pp. 31-40.
- Qian D., Lawal A., 2006, Numerical study on gas and liquid slugs for Taylor flow in a T-junction microchannel, *chemical Engineering Science*, Vol 61, pp. 7609-7625.
- Sadatomi, M., Sato, A., 1982, Two-phase flow in vertical noncircular channels, *Int. J. Of Multiphase Flow*, Vol. 8, pp. 641-655.

- Saidi M.H., Hanafizadeh P., Nouri Gheimasi A., Ghanbarzadeh S., 2011, Experimental investigation of air–water, two-phase flow regimes in vertical mini pipe, *Scientia Iranica B*, Vol. 18 (4), pp. 923–929.
- Saisorn S., Wongwises S., 2008, Flow pattern, void fraction and pressure drop of two-phase air-water flow in a circular micro-channel, *Experimental Thermal and Fluid Science*, Vol. 32, pp. 748–760.
- Serizawa, A., Feng, Z., and Kawara, Z., 2002, Two-phase flow in microchannels. *Exp Thermal fluid Sci.*, Vol. 26, pp. 703 – 714.
- Suo, M., Griffith, P., 1963, Two Phase Flow in Capillary Tubes, *M.I.T. Heat Transfer Laboratory, Cambridge, Massachusetts*.
- Thome, J.R., 2004-2010, , Chapter 12. Two-phase flow pattern, *Volverine Tube inc, Engineering Data III*.
- Triplett, K. A., Ghiaasiaan, S. M., Abdel-khalik, S.I., and Sadowski, D. L., 1999a, Gas-Liquid two-phase flow in microchannels. Part I: Two-phase flow pattern. *Int. J. Multiphase flow*, Vol. 25, pp. 377-394.
- Triplett, K. A., Ghiaasiaan, S. M., Abdel-khalik, S.I., LeMouel, A., and McCord, B. N., 1999b, Gas-Liquid two-phase flow in microchannels. Part II: Void fraction and pressure drop. *Int. J. Multiphase flow*, Vol. 25, pp. 377-394.
- Wallis, G. B., 1969, One-Dimensional Two-Phase Flow, *McGraw-Hill, New York*
- Zhao T.S., Bi Q.C., 2001, Co-current air-water two-phase flow patterns in vertical triangular microchannels, *Int. J. Multiphase Flow*, Vol. 27, pp. 765-782.