

## เอกสารอ้างอิง

- D.C. Colin, and R.E. Synovec, "Measuring the transverse concentration gradient between adjacent laminar flows in a microfluidic device by a laser-based refractive index gradient detector," *Talanta* 58, pp. 551-560 (2002).
- N. Fuangworawong, H. Kikura, M. Aritomi, and T. Komeno, "Tomographic imaging of counter-current bubbly flow by wire mesh tomography," *J. Chemical Engineering* 130, no. 2-3, pp. 111-118 (2007).
- Y. Hassan, "PIV measurements and analysis of multiphase bubbly flows," *10<sup>th</sup> Int. Sym. on Flow Visualization*, Kyoto, Paper No. F0455 (2002).
- B., Hu, H.M., Yang, and G.F., Hewitt, "Measurement of bubble size distribution using a flying optical probe technique : Application in the highly turbulent region above a distillation plate," *Chemical Engineering Sci.*, Vol. 62, pp.2652 – 2662 (2007).
- O.C. Jones, and J.M. Delhaye, "Transient and statistical measurement methods for two-phase flows," *Int. J. Multiphase Flow* 3, pp.89-116 (1976).
- Y., Kikutani, K., Mawatari, K., Katayama, M., Tokeshi, T., Fukuzawa, M., Kitaoka, T., and Kitamori, "Flowing thermal lens micro-flow velocimeter," *Sensors and Actuators B* Vol.133, pp.91-96 (2008).
- S. Levy, "Two phase flow in complex system," *McGraw-Hill* (1999).
- M. Misawa, N. Ichikawa, and M. Akai, "Measurement of dynamic interface structure of slug flow in simplified rod bundles using a fast X-ray CT scanner," *7<sup>th</sup> Proc. Int. Conf. on Nuclear Engineering*, Tokyo, Paper No.7099 (1999).
- Y. Mori, K. Hijikata, and I. Kuriyama, "Experimental study of bubble motion in mercury with and without a magnetic field," *J. Heat Transfer* 99, no.3, pp.404-410 (1977).
- C.L., Ong, J.R., and Thome, "Flow boiling heat transfer of R134a, R236fa and R245fa in a horizontal 1.030 mm circular channel," *Experimental Thermal and Fluid Science*, Vol. 33, pp.651-663 (2009).
- H.M. Prasser, M. Misawa, and I. Tiseanu, "Comparison between wire-mesh sensor and ultra-fast X-ray tomography for air-water flow in a vertical pipe," *Flow Measurement and Instrumentation* 16, No.2-3, pp.73-83 (2005).
- H.M. Prasser, A. Bottger, and J. Zschau, "A new electrode mesh tomography for gas-liquid flows," *Flow Meas. Inst.* 9, pp.111-119 (1998).

H.M. Prasser, D. Scholz, and C. Zippe, "Bubble size measurement using wire-mesh sensors," *Flow Measurement and Instrumentation* 12, 299-312 (2001).

R. Revellin, V. Dupont, T. Ursenbacher, J.R. Thome, and I. Zun, "Characterization of diabatic two-phase flows in microchannels: Flow parameter results for R-134a in a 0.5 mm channel," *Int. J. of Multiphase Flow* 32, pp.755-774 (2006).

S. Richter, M. Aritomi, H.M. Prasser, and R. Hampe, "Approach towards spatial phase reconstruction in transient bubble flow using wire mesh sensor," *Int. J. Heat and Mass transfer* 45, pp.1063-1075 (2002).

G. Rozzoni, "Principles and Applications of electrical engineering," *McGraw-hill*.

A. Serizawa, I. Kataoka, Michiyoski, "Turbulent structure of air-water bubbly flow I: Measuring techniques," *Int. J. Multiphase Flow* 2, no.3, pp.221-223 (1975).

Tong and Tang, "Boiling Heat Transfer and Two-phase flow 2 edition," *Taylor & Francis* (1997).

W. Wangjiraniran, M. Aritomi, H. Kikura, Y. Motegi, and H.M. Prasser, "A study of non-symmetric air water flow using wire mesh sensor," *Exp. Thermal Fluid Sci.* 29, pp.315-322 (2005).