

DAFTAR PUSTAKA

- Abubakar, A., Al-Wahaibi, Y., Al-Wahaibi, T., Al-Hashmi, A. R., Al-Ajmi, A., & Eshrati, M. (2017). Effect of pipe diameter on horizontal oil-water flow before and after addition of drag-reducing polymer part II: Holdup and slip ratio. *Journal of Petroleum Science and Engineering*, 162(March), 143–149.
- Al-Wahaibi, T., & Angeli, P. (2007). Transition between stratified and non-stratified horizontal oil-water flows. Part I: Stability analysis. *Chemical Engineering Science*, 62(11), 2915–2928.
- Al-Wahaibi, T., & Angeli, P. (2011). Experimental study on interfacial waves in stratified horizontal oil-water flow. *International Journal of Multiphase Flow*, 37(8), 930–940.
- Angeli, P., & Hewitt, G. F. (2000). Flow structure in horizontal oil - water flow. *International Journal of Multiphase Flow*, 26, 1117–1140.
- Cengel, Yunus A., Cimbala, John M., 2006, Fluid Mechanics: Fundamentals and Applications, 1st ed., McGraw-Hill Companies, Inc., New York, NY10020.
- Do Amaral, C. E. F., Alves, R. F., da Silva, M. J., Arruda, L. V. R., Dorini, L., Morales, R. E. M., & Pipa, D. R. (2013). Image processing techniques for high-speed videometry in horizontal two-phase slug flows. *Flow Measurement and Instrumentation*, 33, 257–264.
- Gonzalez, R. C., Woods, R. E., & Eddins, S. L. (2009). Digital Image Processing Using MATLAB. United States of America: Gatesmark Publishing.
- Kuntoro, H. Y., Hudaya, A. Z., Dinaryanto, O., Majid, A. I., & Deendarlianto. (2016). An Improved Algorithm of Image Processing Technique for Film

Thickness Measurement in a Horizontal Stratified Gas-liquid Two-phase Flow, *Proceedings of the 3rd AUN/SEED-NET Regional Conference on Energy Engineering and the 7th International Conference on Thermofluids (RCEnE/THERMOFLUID 2015) AIP Conf. Proc. 1737* (hal. 040010-1 - 040010-14). Yogyakarta: AIP Publishing.

McAndrew, A. (2005). An Introduction to Digital Image Processing with Matlab Notes for SCM2511 Image Processing 1 12. Image Rochester NY, 1(1), 1–13.

Mukhaimer, A., Al-Sarkhi, A., El Nakla, M., Ahmed, W. H., & Al-Hadhrami, L. (2015). Pressure drop and flow pattern of oil-water flow for low viscosity oils: Role of mixture viscosity. *International Journal of Multiphase Flow*, 73, 90–96.

Munson, B.R., Young, D.F., Okiishi, T.H., Huebsch, W.W., 2002, *Fundamental of Fluid Mechanics*, 4th ed., John Wiley & Sons, Inc., Hoboken, NJ 07030-5774.

Oropeza-Vazquez, C., Afanador, E., Gomez, L., Wang, S., Mohan, R., Shoham, O., & Kouba, G. E. (2004). Oil-Water Separation in a Novel Liquid-Liquid Cylindrical Cyclone (LLCC[sup (Copyright)]) Compact Separator--- Experiments and Modeling. *Journal of Fluids Engineering*, 126(4), 553–564.

Setyawan, A. (2016). The effect of the fluid properties on the wave velocity and wave frequency of gas – liquid annular two-phase flow in a horizontal pipe. *Experimental Thermal and Fluid Science*, 71, 25–41.

Torres, C.F., Mohan, R.S., Gomez, L.E., Shoham, O., 2016. Oil – Water Flow Pattern Transition Prediction in Horizontal Pipes. no.138, 022904.

Trallero, J.L., Cem Sarica, Brill, J.P., 1997, A Study of Oil/Water Flow Patterns in Horizontal Pipes, *SPE Production & Facilities*.

Widyatama, A.; Dinaryanto, O; Indarto; & Deendarlianto; 2018, The development of image processing technique to study the interfacial behaviour of air-water slug two-phase in horizontal pipes, *Flow Measurement and Instrumentation*, pp. 168-180.

Yudi, Olga Priandana. (2018). Studi Eksperimental Pemetaan Pola Aliran Minyak-Air Pada Pipa Horizontal Separator Liquid-Liquid Cylindrical Cyclone. *Fluid Mechanics Research UGM*.