

DAFTAR PUSTAKA

- A. Abubakar, Y. Al-Wahaibi, T. Al-Wahaibi, A.R. Al-Hashmi, A. Al-Ajmi, & M. Eshrati. (2017). Effect of pipe diameter on horizontal oil-water flow before and after addition of drag-reducing polymer part I: Flow patterns and pressure. *Journal of Petroleum Science and Engineering*, 153, 12-22.
- A. Mukhaimer, A. Al-Sarkhi, M. El Nakla, W.H. Ahmed, & L. Al-Hadhrami. (2015). Pressure drop and flow pattern of oil–water flow for low viscosity oils. *International Journal of Multiphase Flow*, 73, 90-96.
- Braga, E. R., Huziwaru, W. K., Martignoni, W. P., Scheid, C. M., & Medronho, R. A. (2015). Improving hydrocyclone geometry for oil/water separation. *Brazilian Journal of Petroleum and Gas*, 9, 115-123.
- C. Oropeza-Vazquez, E. Afanador, L. Gomez, S. Wang, R. Mohan, O. Shoham, & G. Kouba. (2004). Oil-Water Separation in a Novel Liquid-Liquid Cylindrical Cyclone (LLCC) Compact Separator-Experiment Modelling. *Journal of Fluids Engineering*, 126, 553-564.
- Cengel, Y. A., & Boles, M. A. (2006). *Thermodynamics An Engineering Approach* (5 ed.). New York: McGraw-Hill.
- Dharma, I. A., Widyaparaga, A., & Yuandia, A. (2018). STUDI EKSPERIMENTAL PENGARUH KECEPATAN ALIRAN MASUK, SPLIT-RATIO DAN DIAMETER VORTEX FINDER TERHADAP UNJUK KERJA LIQUID-LIQUID CYLINDRICAL CYCLONE (LLCC) SEPARATOR. *Teknoin*, 67-74.
- Dinaryanto, O., Prayitno, Y. A., Majid, A. I., Hudaya, A. Z., Nusirwan, Y. A., Widyaparaga, A., . . . Deendarlianto. (2017). Experimental investigation on the initiation and flow development of gas-liquid slug two-phase flow in a horizontal pipe. *Experimental Thermal and Fluid Science*, 81, 93-108.
- Gonzalez, R. C., Woods, R. E., & Eddins, S. L. (2009). *Digital Image Processing Using MATLAB*. United States of America: Gatesmark Publishing.

- Huang, L., Deng, S., Guan, J., Chen, M., & Hua, W. (2018). Development of a novel high-efficiency dynamic hydrocyclone for oil–water separation. *Chemical Engineering Research and Design*, 130, 266-273.
- J.L. Trallero, C. Sarica, & J.P. Brill. (1997). A Study of Oil-Water Flow Patterns in Horizontal Pipes. *Society of Petroleum Engineers*, 12(3), 165-172.
- 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. *AIP Conference Proceedings*, 1-15.
- Liu, H.-f., Xu, J.-y., Wu, Y.-x., & Zheng, Z.-c. (2010). Numerical study on oil and water two-phase flow in a cylindrical cyclone. *Journal of Hydrodynamics*, 22(5), 790-795.
- McAndrew, A. (2005). *An Introduction to Digital Image*. Melbourne: Image Rochester NY, 1(1), 1–13.
- P. Angeli, & G.F. Hewitt. (2000). Flow structure in horizontal oil±water flow. *International Journal of Multiphase Flow*, 26(2000), 1117-1140.
- Setyawan, A., Indarto, & Deendarlianto. (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.
- Stone, A. C. (2007). *Oil/Water Separation in A Novel Cyclone (Doctoral Thesis)*. Cranfield University, Bedford.
- Tan, J., Jing, J., Hu, H., & You, X. (2018). Experimental study of the factors affecting the flow pattern transition in. *Experimental Thermal and Fluid Science*, 98, 534–545.
- White, F. M. (1998). *Fluid Mechanics Fourth Edition*. New York: McGraw Hill.
- 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*, 168-180.

Yudi, O. P. (2018). *STUDI EKSPERIMENTAL PEMETAAN POLA ALIRAN
MINYAK–AIR PADA PIPA HORIZONTAL SEPARATOR LIQUID-LIQUID
CYLINDRICAL CYCLONE (LLCC)*. Yogyakarta: Universitas Gadjah
Mada.