

DAFTAR PUSTAKA

- Arroisi, H. M., 2018, “Perancangan dan Pembuatan Fasilitas Eksperimen *Flow Boiling* Untuk Sistem Pendinginan Lanjut Pada Kanal Horizontal”. Skripsi. FT, Teknik Mesin, Universitas Gadjah Mada, Yogyakarta.
- Cengel, Y. A., Boles, M. A., 1994, *Thermodynamics: An Engineering Approach* 2nd Ed., *McGraw-Hill*, New York.
- Cengel, Y. A., 2002, *Heat Transfer: A Practical Approach*, *Mc Graw-Hill*, 785–841.
- Cengel, Y. A., Cimbala, J. M., 2006, *Fluid Mechanics*, *McGraw- Hill*, New York.
- Chamund, D.J., Coulbeck, L., Newcombe, D.R., dan Waind, P.R., 2009, High power density IGBT module for high reliability applications, *Microelectronics Journal*, 39 , 899–907.
- Chen, L., Zhoua, P., Huanga, R., Hana, X., Huaa, S., Lic, Z., dan Gaoc, L., 2018, Eksperimenal investigation on the suppression factor in subcooled boiling flow, *Applied Thermal Engineering*, 135, 549–558.
- Du, J., Zhao, C., dan Bo, H., 2018, Investigation of bubble departure diameter in horizontal and vertical subcooled flow boiling, *International Journal of Heat and Mass Transfer*, 127, 796–805.
- Fang, X., Yuan, Y., Xu, A., Tian, L., dan Wu, Q., 2017, Review of correlations for subcooled flow boiling heat transfer and assessment of their applicability to water, *Fusion Engineering and Design*, 122, 52-63.
- Fayyadh, E. M., Mahmoud, M. M., Sefiane, K., dan Karayiannis, T. G., 2017, Flow boiling heat transfer of R134a in multi microchannels, *International Journal of Heat and Mass Transfer*, 110, 422–436.
- Incropera, F. P., DeWitt, D. P., Bergman, T. L., dan Lavine, A. S., 2011, . *Fundamentals of Heat and Mass Transfer. Water* (Vol. 6th).
- In, S., Baek, S., Jin, L., dan Jeong, S., 2018, *Flow boiling Heat Transfer of R123/R134a mixture in a microchannel*, *Eksperimenal Thermal and Fluid Science*, 99, 474–486.
- Jayaramu, P., Gedupudi, S., dan Das, S. K., 2018, Influence of heating surface characteristics on flow boiling in a copper microchannel: Eksperimenal

- investigation and assessment of correlations, *International Journal of Heat and Mass Transfer*, 128, 290–318.
- Kandlikar, S. G., 2010, History, Advances, and Challenges in Liquid Flow and Flow Boiling Heat Transfers in Microchannels: A Critical Review, *ASME Fellow*, 14623.
- Kane, J. W., dan Sternheim, M. M., 1991, Physics, *John Wiley & Sons*, New York.
- Ma, D. D., Xia G. D., Zong, L. X., Jia, Y. T., Tang Y. X., dan Zhi, R. P., 2019, Eksperimenal investigation of flow boiling heat transfer performance in zigzag microchannel *heat sink* for electronic cooling devices, *International Journal of Thermal Sciences*, 145, 106003.
- Mudawar, I., 2001, Assessment of high-heat-flux thermal management schemes, *IEEE Transactions on Components and Packaging Technologies*, 24(2), 122–141.
- Nabati, H., 2018, Optimal pin fin heat exchanger surface, *Arkitektkopia*, 88.
- Prajapati, Y. K., Bhandari, P., 2017, Flow boiling instabilities in microchannels and their promising solutions – A review, *Experimental Thermal and Fluid Science*, 88, 576-593.
- Raj, S., Shukla, A., Pathak, M., dan Khan, M. K., 2019, A novel stepped microchannel for performance enhancement in flow boiling, *International Journal of Heat and Mass Transfer*, 144, 118611.
- Ramesh, B., Jayaramu, P., dan Gedupudi, S., 2019, Subcooled flow boiling of water in a copper microchannel: Eksperimenal investigation and assessment of predictive methods, *International Communications in Heat and Mass Transfer*, 103, 24–30.
- Refrigeration and Air Conditioning, 2008, Kharagpur: Indian Institute of Technology.
- Richenderfer, A., Kossolapov, A., Seong, J. H., Saccone, G., Demarly, E., Kommajosyula, R., Baglietto, E., Buongiorno, J., dan Bucci, M., 2018, Investigation of subcooled flow boiling and CHF using high-resolution diagnostics, *Eksperimenal Thermal and Fluid Science*, 99, 35–58.

- See, Y. S. dan Leong, K. C., 2019, Eksperimenal study of *flow boiling* of FC-72 in fractal-like flow channels, *International Journal of Heat and Mass Transfer*, 140, 184–200.
- Shende, M. D. dan Mahalle, A., 2016, An Experimental and Numerical Study of Thermal Performance of a Radial Heat Sink Under Natural convection, *International Journal of Modern Trends in Engineering and Research*, 2349-9745.
- Yuanzheng, L., Xia, G., Cheng, L., dan Ma, D., 2019, Eksperimenal study on the pressure drop oscillation characteristics of the *flow boiling* instability with FC-72 in parallel rectangle microchannels, *International Communications in Heat and Mass Transfer*, 108, 104289.
- Zhanga, L., Wang, Y., dan Yu, Z., 2017, Eksperimenal study of flow boiling instabilities in horizontal tubes under gas–liquid stratification condition: Effects of heat flux and inlet subcooling degree , *International Journal of Heat and Mass Transfer* 118, 1040–1045.
- Zong, L. X., Xia, G. D., Jia, Y. T., Liu, L., Ma, D. D., dan Wang, J., 2019, *Flow boiling* instability characteristics in microchannels with porous-wall, *International Journal of Heat and Mass Transfer*, 146, 118863.
- 3M, 2016, Heat transfer applications using 3M™ Fluorinert™ Electronic Fluids, 7(2), 10016.