

DAFTAR PUSTAKA

- [1] M. Yusuf, "Pengaruh Variasi Nilai Fraksi Mol Bahan Bakar Uranil Nitrat dan Thorium Nitrat Terhadap Kritikalitas dan Rasio Konversi Aqueous Homogeneous Reactor," Skripsi. Tidak Diterbitkan. Departemen Teknik Nuklir Teknik Fisika UGM, Yogyakarta, 2019.
- [2] Perez, Daniel M., dkk, "Optimization Study and Neutronic and Thermal- Hydraulic Design Calculations of a 75 Kwth Aqueous Homogeneous Reactor for Medical Isotopes Production," in *International Nuclear Atlantic Conference*, Sao Paulo, Brazil, 2015.
- [3] A. W. Hamim, "Studi Variasi Jumlah Tube dan Baffle untuk Perancangan Sistem Pendingin Primer PCMSR Menggunakan Konveksi Alam," Skripsi. Tidak Diterbitkan. Jurusan Teknik Fisika, Universitas Gadjah Mada, Yogyakarta, 2015.
- [4] IAEA, "Homogeneous Aqueous Solution Nuclear Reactors for the Production of Mo-99 and other Short Lived Radioisotopes," no. September, pp. 1-93, 2008.
- [5] R. T. John, *Engineering Data Book III*, Lausanne: Wolverine Tube Inc, 2004.
- [6] Nuclear Power, "Heat Exchangers," Diakses dari: <https://www.nuclear-power.net/nuclear-engineering/heat-transfer/heat-exchangers/>. 9 September 2019.
- [7] The Engineering Toolbox, "Water - Thermal Conductivity," The Engineering Toolbox, 2018. Diakses dari: https://www.engineeringtoolbox.com/water-liquid-gas-thermal-conductivity-temperature-pressure-d_2012.html. 28 9 2019.
- [8] The Engineering Toolbox, "Water - Specific Heat," The Engineering Toolbox, 2004. Diakses dari: https://www.engineeringtoolbox.com/specific-heat-capacity-water-d_660.html. 28 9 2019.
- [9] Engineers Edge, "Water - Density, Viscosity, Specific Weight," Engineers Edge, Diakses dari: https://www.engineersedge.com/physics/water__density_viscosity_specific_weight_13146.htm. 28 9 2019.
- [10] A. Laesecke, "Viscosity Measurements and Model Comparisons for the Refrigerant Blends R-410a and R-507A," *Colo National Institute of Standards and Technology*, 2004.
- [11] L. Alejandro, "R32 and R410 Condensation Heat Transfer Coefficient and Pressure Drop Within Minichannel Multiport Tube. Experimental Technique and Measurements," *Applied Thermal Engineering*, pp. 1-8, 2015.

- [12] National Refrigerants Inc., "Technical Guidelines Performance : Technical Guidelines THERMODYNAMIC PROPERTIES OF R-410A," *Renewable and Sustainable Energy Reviews*, 2010.
- [13] Nuclear Power, "Diffusion Equation – Finite Cylindrical Reactor," Diakses dari: <https://www.nuclear-power.net/nuclear-power/reactor-physics/neutron-diffusion-theory/finite-cylindrical-reactor/>. 8 October 2019.
- [14] Andang Widi Harto, Fisika Reaktor Nuklir, Yogyakarta: Diktat, Jurusan Teknik Fisika, Universitas Gadjah Mada, 2014.
- [15] S. Rijnsdorp, "Design of a small Aqueous Homogeneous Reactor for production of 99 Mo," p. 87, 2014.
- [16] Departement of Petrochemichal Engineering, "Heat Transfer Coefficient VS Heat Flow Rate by Forced Convection," Nandha Polytechnic College, Tamil Nadu, 2015.
- [17] F. Yang., dkk, "Flow boiling phenomena in a single annular flow regime in microchannels (I): Characterization of flow boiling heat transfer," *International Journal of Heat and Mass Transfer*, vol. 68, pp. 703-715, 2014.
- [18] C. Nguyen, "Heat Transfer Coefficient and Pressure Drop of R410a During Evaporation Inside Aluminium Multiport Minicahnnels," in *Interantional Conference of Energy Sustainabiity*, San Diego, 2015.