

DAFTAR PUSTAKA

- Bansal, Pradeep., Vineyard, Edward., and Abdelaziz, Omar., 2011, Advances in household appliances – A review, *Applied Thermal Engineering*, Volume 21, pp3748-3760.
- Bejan, A., 1996, Entropy Generation Minimization: The New Thermodynamics of Finite-size Devices and Finite-time Processes, *Journal Applied Physics*, Volume 79, pp. 1191 – 1218.
- Bejan, A., 2002, Fundamentals of exergy analysis, entropy generation minimization, and the generation of flow architecture, *International Journal of Energy Research*, Volume 26, pp. 545 – 565.
- Bejan, A. 2006, Exergy analysis, entropy generation minimization, and constructal theory, Chapter 4, *Mechanical Engineers Handbook: Energy and Power*, Volume 4, Third Edition, John Wiley & Sons., Inc., New Jersey.
- Bejan, A., 2016, *Advanced Engineering Thermodynamics*, Fourth Edition, John Wiley & Sons, Inc. New Jersey.
- Cheng, XueTao., and Liang, XinGang., 2013, Discussion on the applicability of entropy generation minimization to the analyses and optimizations of thermodynamic processes, *Energy Conversion and Management*, Volume 73, pp. 121-127.
- Cui, Yunfei., Geng, Zhiqiang., Zhu, Qunxiong., and Han, Yongming., 2017, Review: Multi-objective optimization methods and application in energy saving, *Energy*, Volume 125, pp.681-704.
- Dinçer, I, and Kanoğlu, M., 2010, *Refrigeration Systems and Applications*, Second Edition, John Wiley & Sons Ltd., UK.
- Dinçer, I., Rosen, M.A., and Ahmadi, P., 2017, *Optimization of Energy Systems*, John Wiley & Sons, Ltd, UK.
- Hermes, C.J.L., 2012, Conflation ϵ -NTU and EGM Design Methods for Heat Exchangers with Uniform Wall Temperature, *International Journal of Heat and Mass Transfer*, Volume 55, pp. 7838 – 7846.
- Hermes, C. J. L., 2013, Thermodynamic Design of Condensers and Evaporators: Formulation and Application, *International Journal of Refrigeration*, Volume 36, pp. 633 – 640.
- Hesselgraves, J.E., 2000, Rationalisation of second law analysis of heat exchanger, *International Journal of Heat and Mass Transfer*, Vol.43, pp 4189-4204.

- Myat, Aung., Thu, Kyaw., Kim, Young-Deuk., Chakraborty, A., and Chun, W.G., 2011, A second law analysis and entropy generation minimization of an absorption chiller, *Applied Thermal Engineering*, Volume 31, pp. 2405–2413.
- Negrao, Cezar O.R., and Hermes, C. J. L., 2011, Energy and cost saving in household refrigerating appliances: A simulation-based design approach, *Applied Energy*, Vol. 88, pp. 3051-3060.
- Riberio, R.S., and Hermes, C.J.L., 2014, Algebraic Modeling and Thermodynamic Design of Fan-Supplied Tube-Fin Evaporator Running Under Frosting Conditions, *Applied Thermal Engineering*, Volume 70, pp. 552 – 559.
- Santoso, B., dan Willy, P., 2011, Metode Metaheuristik: Konsep dan Implementasi, Cetakan Pertama, *Guna Widya*, hal. 31, dan 139 – 140.
- Sayyaadi, H., and Nejatolahi, M., 2011, Multi-Objective Optimization of a Cooling Tower Assisted Vapor Compression Refrigeration System, *International Journal of Refrigeration*, Volume 34, pp. 243 – 256.
- Sciacovelli, A., Verda, V., and Sciubba, E., 2015, Entropy generation analysis as a design tool-a review, *Renewable and Sustainable Energy Reviews*, Volume 43, pp. 1167-1181.
- Stocker, W.F., 1989, *Design of Thermal Systems*, McGraw-Hill Book Company, New York.
- Turkakar, Goker., and Okutucu-Ozyurt, Tuba., 2015, Entropy generation analysis and dimensional optimization of an evaporator for use in microscale refrigeration cycle, *International Journal of Refrigeration*, Vol. 56, pp 140-153.
- Ukey, Rahul., and Chaudhary, Sharad., 2012, Exergy Analysis of Domestic Refrigerator with Different Refrigerants, *International Journal of Scientific & Engineering Research*, Volume 3.
- Yataganbaba, A., Kilicarslan, A., and Kurtbas, I., 2015, Exergy Analysis of R1234yf and R1234ze as R134a Replacements in a Two Evaporator Vapour Compression Refrigeration System, *International Journal of Refrigeration*, Volume 43, pp. 71 – 79.
- Yuan, X.D., and Cheng, W.L., 2014, Multi-objective optimization of household refrigerator with novel heat-storage condensers by Genetic algorithm, *Energy Conversion and Management*, Vol. 84, pp. 550-561.