

## DAFTAR PUSTAKA

- [1] IEA. *Global Energy & CO<sub>2</sub> Status Report 2019*. IEA, Maret 2019, Artikel, diakses dari <https://www.iea.org/reports/global-energy-co2-statusreport-2019#global-trends>, 27 Februari 2020
- [2] G.Q. *The World's Energy Problem : Distribution and Storage*. Artikel, Medium, diakses dari Available: <https://medium.com/@glenq96/theworlds-energy-problem-7721ab5d2bbe>, 25January 2019.
- [3] Alexander Agung. *Diktat Manajemen Bahan Bakar Nuklir dalam Teras Reaktor*. Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2017.
- [4] D. Hui, S. Guangyao , H. Lijuan , W. Bin dan W. Yican. *A Loading Pattern Optimization Method based on Discrete Differential Evolution*. Annals of Nuclear Energy, vol. 137. <https://doi.org/10.1016/j.anucene.2019.107057>, 2019.
- [5] Xin-She Yang. *Nature-Inspired Optimization Algorithm*. Elsevier, London, 2014.
- [6] A. A de M. Meneses a, P. V. da Silva, F. N. Nast, L. M. Araujo, dan R. Schirru. *Application of Cuckoo Search Algorithm to Loading Pattern Optimization Problems*. Annals of Nuclear Energy, vol. 139, 2020
- [7] L.M. Araujo, R. Schirru, S. Ishiguro, E. Tomohiro dan Y. Akio. *Loading Pattern Optimization for a PWR using Multi-Swarm Moth Flame Optimization Method with Predator*. Journal of Nuclear Science and Technology, vol. 57, no. 5, pp. 523-536, 2020.
- [8] R. Akbari, M. Abassi, F. Faghihi, S.M. Mirvakili, J. Mokhtari. *A Novel Multi-Objective Optimization Method, Imperialist Colonist Algorithm, for Fuel Loading Pattern of Nuclear Reactor*. Progress in Nuclear Energy, vol. 108, pp. 391-397, 2018



- [9] A. Naserbegi, M. Aghaie, A. Zolfaghari. *Implementation of Grey Wolf Optimization (GWO) Algorithm to Multi-Objective Loading Pattern Optimization of a PWR Reactor*. Annals of Nuclear Energy, vol.148, 2020.
- [10] D. Polar dan M. Wozniak. *Polar Bear Optimization Algorithm: Meta-Heuristic with Fast Population Movement and Dynamic Birth and Death Mechanism*. Article. Symmetry, 28 September 2017
- [11] M. A. Nasr, M. Zangian, M. Abassi dan A. Zolfaghari. *Neutronic and Thermal-Hydraulic Aspect of Loading Pattern Optimization during first cycle of VVER-1000 Reactor using Polar Bear Optimization Algorithm*. Annals of Nuclear Energy, no. 133, pp. 538-548, 2019.
- [12] N. Horelik, B. Herman, B. Forget, and K. Smith. *Benchmark for Evaluation and Validation of Reactor Simulations (BEAVRS)*, v2.0.1. Sun Valley, Idaho, 2017
- [13] Nuclear Power. *Neutron Diffusion Theory*. Diakses dari <https://www.nuclear-power.net/nuclear-power/reactor-physics/neutron-diffusiontheory/>, 6 Januari 2021.
- [14] Alexander Agung. *Diktat Analisis Reaktor Nuklir*. Diktat, Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik Universitas Gadjah Mada, 2017.
- [15] P. Silvennoinen. *Reactor Core Fuel Management*. Pergamon Press, Oxford, 1976.
- [16] W. M. Stacey, *Nuclear Reactor Physics*, John Wiley & Sons, New York, 2008.
- [17] L. S.H. *History and Status of Reloading Techniques for Light Water Reactors*, dalam *Proceedings of a Technical Committee Meeting and Workshop*, Vienna, 1992.
- [18] K. Okumura,, T. Kugo,, K. Kaneko dan K. Tsuchihashi. *SRAC: The Comprehensive Neutronics Calculation Code System Vol. 1 General Description and Input Instruction*. Department of Nuclear Energy System, Japan Atomic Energy Research Institute, Ibaraki, 2002.