

## DAFTAR PUSTAKA

- Abramson, D., dan Abela, J., 1992, *A Parallel Genetic Algorithm for Solving The School Timetabling Problem*, 15 Australian Computer Science Conference (ASCSC), 29 - 31 Januari, pp. 1-11.
- Albar, M. A., 2013, *Algoritma Genetik Tabu Search Dan Algoritma Memetika Pada Permasalahan Penjadwalan Kuliah*, Tesis, Universitas Gadjah Mada, Yogyakarta.
- Amaral, P., dan Cardal, T., 2016. *Computers & Operations Research Compromise ratio with weighting functions in a Tabu Search multi-criteria approach to examination timetabling*. *Computers and Operation Research*, 72, 160–174. <https://doi.org/10.1016/j.cor.2016.02.012>.
- Bambrick, L., 1997, *Lecture Timetabling Using Genetic Algorithms*, Thesis, University of Queensland.
- Beligiannis, G. N., Moschopoulos, C., dan Likothanassis, S.D., 2009, *A Genetic Algorithm Approach To School Timetabling*, *Journal of the Operational Research Society* 60, pp. 23-42.
- Chorbev, I., Loskova, S., Dimitovski, I., dan Mihajlov, D., 2008, *Solving the Highschool scheduling problem modelled with constraints satisfaction using Hybrid Heuristic Algorithms, Greedy Algorithms, Witold Bednorz (Ed.)*, ISBN : 978-953-7619-27-5, InTech.
- Erama, R., 2013, *Modifikasi Algoritma Genetika untuk penyelesaian permasalahan penjadwalan pelajaran sekolah (Studi Kasus : SMPN 1 Telaga Gorontalo)*, Tesis, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Glover, F., dan Laguna, M., 1997, *Tabu Search*, Kluwer Academic Publishers, Boston.
- Golub, M., dan Jakobovi, D., 2009. *Exam Timetabling Using Genetic Algorithm*, 357–362.
- Jaengchuea, S., 2015. *A Hybrid Genetic Algorithm with Local Search and Tabu Search Approaches for Solving the Post Enrolment Based Course Timetabling Problem : Outperforming Guided Search Genetic Algorithm*, 29–34.
- Jha, S. K., 2014. *Exam timetabling problem using genetic algorithm*, 649–654.
- Kusumadewi, S., 2003, *Artificial Intelligent*. Yogyakarta: Graha Ilmu.
- Kusumadewi, S., dan Purnomo, H., 2005, *Penyelesaian Masalah optimasi dengan teknik-teknik heuristik*, Graha Ilmu, Yogyakarta .
- Mitchell, G.G., O'Donoghue, D., Barnes, D., McCarville, M., 2003, *GeneRepair-A Repair Operator for Genetic Operator for Genetic Algorithms*, Department

of Computer Science, National University of Ireland Maynooth, Co. Kildare, Ireland, georgem@cs.may.ie.

- Mutakhirah, I., Saptono, F., Hasanah, N., dan Wiryadinata, R., 2007, *Pemanfaatan Metode Heuristik Dalam Pencarian Jalur Terpendek Dengan Algoritma Semut Dan Algoritma Genetika*, Seminar Nasional Aplikasi Teknologi Informasi 2007 (SNATI 2007), Yogyakarta, 16 Juni 2007.
- Pillay, N., dan Banzhaf, W., 2010, *An Informed genetic algorithm for the examination timetabling problem*, *Applied Soft Computing*, Vol.10, No.2, Pp. 457-467.
- Putra, D. M. D. U., 2012, Penerapan Algoritma Genetika Untuk Menyelesaikan Permasalahan Penjadwalan Perawat Dengan Fuzzy Fitness Function, *Tesis*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Raghavjee, R., dan Pillay, N., 2010, *Using Genetic Algorithms to solve the south African school timetabling problem*, *Nature and Biologically Inspired Computing (NaBIC)*, 15 - 17 Desember, pp. 286-292.
- Sahputra, I., 2016, Optimasi Pembentukan Kelas Belajar Siswa Menggunakan Hybrid Genetic Algorithm, *Tesis*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Syarif, D. E., 2014, *Algoritma Genetika Teori dan Aplikasi*. Yogyakarta: Graha Ilmu.
- Zdansky, M., dan Pozivil, J., 2002, *Combination genetic/tabu search algorithm for hybrid flowshops optimization*, Department of computing and control engineering, Faculty of chemical engineering, Prague Institute of Chemical Technology, Technicka, Czech Republic.