

DAFTAR PUSTAKA

- Adji, Tito Pangesti, 2009, *Optimasi Pembagian Blok pada Sistem Perakitan Blok Kapal dengan Single Level dan Multi Level Genetic Algorithm*. Tugas akhir S1 Teknik Industri, UGM
- Agustin-Blas, L.E., Salcedo-Sanz, S., Ortiz-Garcia, E., Pe´rez-Bellido, A´., dan Portilla-Figueras, A., 2008, Assignment of Students to Preferred Laboratory Groups Using a Hybrid Grouping Genetic Algorithm, *IEEE Computer Society*, No.37, pp 48-52.
- Antony, Jiju, 2003, Design of Experiments for Engineer and Scientists. *Elsevier Science and Technology Books*
- Beliën, J. dan Demeulemeester, E., 2006, Scheduling Trainees at a Hospital Department Using a Branch-and-Price Approach, *European Journal of Operational Research*, Volume 175, Issue 1, pp 258-278
- Burke, E., Elliman, D., dan Weare, R., 1994, A Genetic Algorithm Based University Timetabling System, *Proceedings of the 2nd East-West International Conference on Computer Technologies in Education*, pp 35-40.
- Chauduri, A., dan De, K., 2010, Fuzzy Genetic Heuristic for University Course Timetable Problem, *Int. J. Advance. Soft Comput. Appl.*, vol.2, No.1, ISSN 2074-8523.
- Cheng, R., Gen, M. dan Tsujimura, Y., 1996, A Tutorial Survey of Job-shop Scheduling Problems Using Genetic Algorithms---I.Representation, *Computers Industrial Engineering*, Vol. 30, No. 4, pp. 983-997.
- Conway, R.W., Maxwell, W.L., dan Miller, L.W., 1967, *Theory of Scheduling*, Addison-Wesley Publishing, Ontario.
- Daskalaki, S., Birbas, T., dan Housos., 2004, An Integer Programming Formulation For A Case Study In University Timetabling, *Journal of Operational Research*, Vol. 153, pp. 117–135.

- Dexter, F., Wachtel, R.E., Epstein, R.H., Ledolter, J., dan Todd, M.M., 2010, Analysis of Operating Room Allocations to Optimize Scheduling of Specialty Rotations for Anesthesia Trainees, *International Anesthesia Research Society*, volume 111, No.2, pp 520-524.
- Erben, W. dan Song, P.Y., 2011, *A Hybrid Grouping Algorithm for Examination Timetabling*, URL: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.64.6997&rep=rep1&type=pdf>, online 30 Maret 2011.
- FK-UGM, 2010, *Program Studi S1 Pendidikan Dokter*, URL: <http://fk.ugm.ac.id/2010/12/11/program-studi-s1-pendidikan-dokter/>, online 23 Maret 2011.
- Gen, M. dan Cheng, R., 2000, *Genetic Algorithm and Engineering Optimization*, John Willey and Sons Inc., USA.
- Hillier, F.S. dan Lieberman, G.J., 2008, *Introduction to Operation Research*, (Penelitian Operasional, alih bahasa Parama K.D., The Jin Ai, Slamet S.W., dan Hardjono, Dhewiberta), buku dua, ANDI, Yogyakarta.
- Kanoh, H., dan Sakamoto, Y., 2008, Knowledge-based Genetic Algorithm for University Course Timetabling Problems, *International Journal of Knowledge-based and Intelligent Engineering Systems*, pp. 283–294.
- Kusumadewi, Sri, 2003, *Artificial Intelligence (Teknik dan Aplikasinya)*, Graha Ilmu, Yogyakarta.
- Lewis, R. dan Paechter, B., 2004, New Crossover Operators for Timetabling with Evolutionary Algorithms, *Proceedings of the 5th International Conference on Recent Advances in Soft Computing (RASC 2004)*, Nottingham, England, pp 189-195.
- Montgomery, D.C., 2001, *Design and Analysis of Experiments (5th edition)*, John wiley and sons, USA.
- Pinedo, M.L. dan Chao, X., 1999, *Operation Scheduling With Application In Manufacturing And Services*, Irwin McGraw-Hill, Singapore.
- Pinedo, M.L., 2005, *Planning and Scheduling in Manufacturing and Service*, Springer Science+Business Media, Inc., USA.

- Pongcharoen, P., Hicks, C., Braiden, P.M., dan Stewardson, D.J., 2002, Determining Optimum Genetic Algorithm Parameters For Scheduling the Manufacturing and Assembly of Complex Products, *Int. J. Production Economics*, No.78, pp 311–322.
- Qu, R., Burke, E., dan McCollum, B., 2006, A Survey of Search Methodologies and Automated Approaches for Examination Timetabling, *Computer Science Technical Report*, No. NOTTCS-TR-2006-4.
- Smith, J.S., 2002, *Evolving A Better Solution*, URL: <http://www.softtechdesign.com/GA/EvolvingABetterSolution-GA.html>, online 30 September 2011.
- Spyropoulos, C.D., 2000, AI Planning and Scheduling in the Medical Hospital Environment, *ELSEVIER*, volume 20, pp 101-111.
- Sumayang, L., 2003, *Dasar-dasar Manajemen Produksi dan Operasi*, Penerbit salemba empat. Jakarta.
- Suyanto, 2005, *Algoritma Genetika Matlab*, ANDI, Yogyakarta.
- Telfrod, J.K., 2007. A Brief Introduction to Design of Experiment. *John Hopkins APL Technical Digest*, volume 27, number 3, pp 224-232.
- Thanh, Nguyen Duc, 2007, Solving Timetabling Problem Using Genetic and Heuristic Algorithms, *IEEE Computer Society*, Vol.464, pp 472-477.
- Yu, E. dan Sung, K., 2002, A Genetic Algorithm for a University Weekly Courses Timetabling Problem, *International Transaction in Operational Research*, No.9, pp 703-717.