

DAFTAR PUSTAKA

- Adji, T., 2009, *Optimasi Pembagian Blok pada Sistem Perakitan Blok Kapal dengan Single Level dan Multi Level Genetic Algorithm*. Tugas akhir S1 Teknik Industri, UGM.
- Alashwal, H. dan Deris, S., 2007, Dynamic Timetabling Using Reaction Constraint Agents, *Jurnal Teknologi*, Volume D, pp 45-60.
- Amar, S., 2012, *Solving Long Term Medical Trainee Schedulling*, Mechanical and Industrial Engineering Master Thesis, Gadjah Mada University, Yogyakarta.
- Antony, Jiju, 2003, Design of Experiments for Engineer and Scientists. *Elsevier Science and Technology Books*.
- Auckline dan Dowsland, 2004, An Indirect Genetic Algorithm for Nurse Scheduling Problem, *Computers & Operations Research*, 31(5), pp 761-778, 2004.
- Barker, K.R., 1974, *Introduction to Sequencing and Scheduling*, John Willey & Sons, inc : Newyork.
- Berlien, 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.
- Dexter *et all*, 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.
- Fadlisayah *et all*, 2009, *Algoritma Genetika*, Graha Ilmu, Yogyakarta.
- FK UGM, 2010, *Program Studi S1 Pendidikan Dokter*, [Diakses online pada 19 Maret 2012, Pukul 22:34 WIB] URL: <http://fk.ugm.ac.id/2010/12/11/>
- FK UGM, 2011, *Arsip Data Program Kepaniteraan Klinik*, Fakultas Kedokteran Universitas Gadjah Mada.
- Gen, M. dan Cheng, R., 2000, *Genetic Algorithm and Engineering Optimization*, John Willey and Sons Inc., USA.
- Grenn, C.D., 1999, *The Generalisation and Solving of Timetable Scheduling Problems*, CRC Press LLC.

- Goldberg, D. E., 1989, *Genetic Algorithms in Search, Optimization and Machine Learning*, Kluwer Academic Publishers, Boston, MA.
- Holland, J. H., 1975, *Adaptation in Natural and Artificial Systems*, University of Michigan Press, Ann Arbor.
- Hsu, W. H., 2004, *Genetic Algorithm*, Department of Computing and Information Sciences, Kansas State University, Manhattan, USA.
- Karger *et al*, 1997, *Scheduling Algorithms*, Massachusetts Institute of Technology, USA.
- Kenny Q.Ye, Hamada M., Wu. C.F.J, 2001, A Step-Down Length Method for Analyzing Unreplicated Factorial Designs, *Journal of Quality Technology*, Vol. 33, Page 140
- Kumar, T., 2004, Data Mining : The Next Revolution in Institutional Research, *Proceedings of the 44th Forum of the Association of Institutional Research*, Boston, MA, May.
- Kusuma, K. A., 2011, *Pengembangan Model dan Analisis Penjadwalan Program Kepaniteraan Klinik Prodi S1 Kedokteran Universitas Gadjah Mada*, Tugas Akhir Teknik Industri UGM.
- Kusumadewi, Sri, 2003, *Artificial Intelligence (Teknik dan Aplikasinya)*, Graha Ilmu, Yogyakarta.
- Montgomery, D.C., 2001, *Design and Analysis of Experiments (5th edition)*, John Wiley and Sons, USA
- Pinedo, M. L., 2005, *Planning and Scheduling in Manufacturing and Service*, Springer Science & Business Media, Inc, USA
- Pinedo, M. L. dan Chao, X., 1999, *Operation Scheduling With Application In Manufacturing And Services*, Irwin McGraw-Hill, Singapore.
- Pinilih *et al*, 2011, *Pembuatan Sistem Informasi Pengiriman Barang di Wilayah Surabaya Menggunakan Metode Ant-Colony Optimization Berbasis WEB dan WAP*, Institute Teknologi Sepuluh November, Surabaya.
- 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 *et al*, 2006, A Survey of Search Methodologies and Automated Approaches for Examination *Timetabling*, *Computer Science Technical Report*, No. NOTTCS-TR-2006-4.
- Schimmelpfeng, K. dan Helber, S., 2006, Application of A Real-World University Course Timetabling Model Solved by *Integer Programming*, *OR Spectrum*, Volume 29, pp 783-803.
- Smith, J.S., 2002, *Evolving A Better Solution*, [Diakses *online* pada tanggal 31 maret 2012, Pukul 00.53] URL: <http://www.softtechdesign.com/>
- 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 Generic and Heuristic Algorithms, *IEEE Computer Society*, Volume 464, pp 472-477.
- Topaloglu, 2006, A Multi-Objective Programming Model for Scheduling Emergency Medicine Residents, *Computers & Industrial Engineering*, 51, 375- 388.
- Vakili, M.T., 2005, *Using A Genetic Algorithm Optimizer Tool To Solve University Timetable Scheduling Problem*, Faculty of Electrical & Computer Engineering, University of Tabriz, Tabriz, Iran.
- 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.