<< Practice and Theory >>

图书基本信息

书名:<<Practice and Theory of Automated Timetabling III 自动时间表生成的实践与理论III>>

13位ISBN编号: 9783540424215

10位ISBN编号:3540424210

出版时间:2001年04月

出版时间: Springer-Verlag Berlin and Heidelberg GmbH & Co. KG

作者:W. Erben

版权说明:本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com

<< Practice and Theory >>

内容概要

This book constitutes the thoroughly refereed post-proceedings of the Third International Conference on Practice and Theory of Automated Timetabling, PATAT 2000, held in Konstanz, Germany, in August 2000. The 22 revised full papers were carefully selected after two rounds of reviewing and revision. Besides foundational and methodological issues from combinatorics, optimization, evolutionary computing, genetic algorithms, planning, constraints, searching, etc., a variety of application fields are addressed including course and school timetabling, examination timetabling, employee timetabling, and fleet scheduling.

length: (cm)23.5 width:(cm)15.5

<< Practice and Theory >>

书籍目录

A Multiobjective Genetic Algorithm for the Class/Teacher Timetabling Problem by M. P. Carrasco and M. V. Pato 3 Some Complexity Aspects of Secondary School Timetabling Problems by H. M. M. ten Eikelder and R. J. Willemen 18 A Generic Object-Oriented Constraint-Based Model for University Course Timetabling by K. Zervoudakis and P. Stamatopoulos 28 A Co-evolving Timeslot/Room Assignment Genetic Algorithm Technique for University Timetabling by H. Ueda and D. Ouchi and K. Takahashi 48 A Comprehensive Course Timetabling and Student Scheduling System at the University of Waterloo by M. W. Carter 64 Examination Timetables and Tabu Search With Longer-Term Memory by G. M. White and B. S. Xie 85 Tabu Search Techniques for Examination Timetabling by L. Di Gaspero and A. Schaerf 104 A Multicriteria Approach to Examination Timetabling by E. K. Burke and Y. Bykov and S. Petrovic 118 A Grouping Genetic Algorithm for Graph Colouring and Exam Timetabling by W. Erben 132 Cyclical Staff Scheduling Using Constraint Logic Programming by P. Chan and G. Weil 159 A Hyperheuristic Approach to Scheduling a Sales Summit by P. Cowling and G. Kendall and E. Soubeiga 176 Solving Rostering Tasks as Constraint Optimization by H. Meyer auf'm Hofe 191 Assigning Resources to Constrained Activities by A. Meisels and E. Ovadia 213 Fleet Scheduling Optimization: A Simulated Annealing Approach by D. Sosnowska and J. Rolim 227 A Schedule-Then-Break Approach to Sports Timetabling by M. A. Trick 242 Three Methods to Automate the Space Allocation Process in UK Universities by E. K. Burke and P. Cowling and J. D. Landa Silva 254 Resource-Constrained Project Scheduling and Timetabling by P. Brucker and S. Knust 277 Graph Colouring by Maximal Evidence Edge Adding by B. Rising and J. Shawe-Taylor and J. Zerovnik 294 Modelling Timetabling Problems with STTL by J. H. Kingston 309

<< Practice and Theory >>

版权说明

本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com