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HANDBOOK ON SCHEDULING

From Theory to Applications

 Springer

Handbook On Project Management And Scheduling Vol1 International Handbooks On Information Systems

**Christoph Schwindt, Jürgen
Zimmermann**



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Handbook on Project Management and Scheduling Vol.1 Christoph Schwindt, Jürgen Zimmermann, 2015-01-13 Due to the increasing importance of product differentiation and collapsing product life cycles a growing number of value adding activities in the industry and service sector are organized in projects Projects come in many forms often taking considerable time and consuming a large amount of resources The management and scheduling of projects represents a challenging task and project performance may have a considerable impact on an organization's competitiveness This handbook presents state of the art approaches to project management and scheduling More than sixty contributions written by leading experts in the field provide an authoritative survey of recent developments The book serves as a comprehensive reference both for researchers and project management professionals The handbook consists of two volumes Volume 1 is devoted to single modal and multi modal project scheduling Volume 2 presents multi project problems project scheduling under uncertainty and vagueness managerial approaches and a separate part on applications case studies and information systems

Proactive-reactive, robust scheduling and capacity planning of deconstruction projects under uncertainty Volk, Rebekka, 2017-02-08 A project planning and decision support model is developed and applied to identify and reduce risk and uncertainty in deconstruction project planning It allows calculating building inventories based on sensor information and construction standards and it computes robust project plans for different scenarios with multiple modes constrained renewable resources and locations A reactive and flexible planning element is proposed in the case of schedule infeasibility during project execution

Population-Based Approaches to the Resource-Constrained and Discrete-Continuous Scheduling Ewa Ratajczak-Ropel, Aleksander Skakovski, 2017-08-21 This book addresses two of the most difficult and computationally intractable classes of problems discrete resource constrained scheduling and discrete continuous scheduling The first part of the book discusses problems belonging to the first class while the second part deals with problems belonging to the second class Both parts together offer valuable insights into the possibility of implementing modern techniques and tools with a view to obtaining high quality solutions to practical and at the same time computationally difficult problems It offers a valuable source of information for practitioners dealing with the real world scheduling problems in industry management and administration The authors have been working on the respective problems for the last decade gaining scientific recognition through publications and active participation in the international scientific conferences and their results are obtained using population based methods Dr E Ratajczk Ropel explores multiple agent and A Team concepts while Dr A Skakovski focuses on evolutionary algorithms with a particular focus on the population learning paradigm

Principles and Practice of Constraint Programming Michel Rueher, 2016-08-22 This book constitutes the refereed conference proceedings of the 22nd International Conference on Principles and Practice of Constraint Programming CP 2016 held in Toulouse France in September 2016 The 63 revised regular papers presented together with 4 short papers and the

abstracts of 4 invited talks were carefully reviewed and selected from 157 submissions The scope of CP 2016 includes all aspects of computing with constraints including theory algorithms environments languages models systems and applications such as decision making resource allocation scheduling configuration and planning The papers are grouped into the following tracks technical track application track computational sustainability track CP and biology track music track preference social choice and optimization track testing and verification track and journal first and sister conferences track *Integration of Constraint Programming, Artificial Intelligence, and Operations Research* Louis-Martin Rousseau,Kostas Stergiou,2019-05-28 This book constitutes the proceedings of the 16th International Conference on Integration of Constraint Programming Artificial Intelligence and Operations Research CPAIOR 2019 held in Thessaloniki Greece in June 2019 The 34 full papers presented together with 9 short papers were carefully reviewed and selected from 94 submissions The conference brings together interested researchers from Constraint Programming CP Artificial Intelligence AI and Operations Research OR to present new techniques or applications and to provide an opportunity for researchers in one area to learn about techniques in the others A main objective of this conference series is also to give these researchers the opportunity to show how the integration of techniques from different fields can lead to interesting results on large and complex problems NASA SP-7500 United States. National Aeronautics and Space Administration, **Management** ,1985 **Scientific and Technical Aerospace Reports** ,1995 **Management, a Bibliography for NASA Managers** ,1989 **Handbook on Project Management and Scheduling Vol. 2** Christoph Schwindt,Jürgen Zimmermann,2015-01-13 Due to the increasing importance of product differentiation and collapsing product life cycles a growing number of value adding activities in the industry and service sector are organized in projects Projects come in many forms often taking considerable time and consuming a large amount of resources The management and scheduling of projects represents a challenging task and project performance may have a considerable impact on an organization s competitiveness This handbook presents state of the art approaches to project management and scheduling More than sixty contributions written by leading experts in the field provide an authoritative survey of recent developments The book serves as a comprehensive reference both for researchers and project management professionals The handbook consists of two volumes Volume 1 is devoted to single modal and multi modal project scheduling Volume 2 presents multi project problems project scheduling under uncertainty and vagueness managerial approaches and a separate part on applications case studies and information systems **Government Reports Annual Index: Keyword A-L** ,1987 *Research in Education* ,1970 Government reports annual index ,199? **Management: A Bibliography for NASA Managers** ,1992 Gerenciamento de Projetos Guia do Profissional Vol. 1: Abordagem Geral e Definição de Escopo , **Computerworld** ,1982-04-05 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research

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