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Christoph Schwindt
Jürgen Zimmermann Editors

Handbook on Project Management and Scheduling Vol. 2

 Springer

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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

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 Advances in Service Science Hui Yang, Robin Qiu, 2018-12-28 This volume offers the state of the art research and developments in service science and related research education and practice areas It showcases emerging technology and applications in fields including healthcare information technology transportation sports logistics and public services Regardless of size and service a service organization is a service system Because of the socio technical nature of a service system a systems approach must be adopted to design develop and deliver services aimed at meeting end users both utilitarian and socio psychological needs Effective understanding of service and service systems often requires combining multiple methods to consider how interactions of people technology organizations and information create value under various conditions The papers in this volume highlight ways to approach such technical challenges in service science and are based on submissions from the 2018 INFORMS International Conference on Service Science **Industrial Engineering and**

Applications - Europe Shey-Huei Sheu, 2024-05-10 This book constitutes the refereed post proceedings of the 11th International Conference on Industrial Engineering and Applications ICIEA 2024 held in Nice France during January 10 12 2024 The 16 full papers and 3 short papers included in this book were carefully reviewed and selected from 90 submissions They focus on the most recent and relevant research theories and practices in industrial engineering and its applications

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

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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

Discrete Optimization and Operations Research Yury Kochetov,Michael Khachay,Vladimir Beresnev,Evgeni Nurminski,Panos Pardalos,2016-09-09 This book constitutes the proceedings of the 9th International Conference on Discrete Optimization and Operations Research

DOOR 2016 held in Vladivostok Russia in September 2016 The 39 full papers presented in this volume were carefully reviewed and selected from 181 submissions They were organized in topical sections named discrete optimization scheduling problems facility location mathematical programming mathematical economics and games applications of operational research and short communications **Management** ,1978 *Scientific and Technical Aerospace Reports* , **Research in Education** ,1973 **NASA SP-7500** United States. National Aeronautics and Space Administration, 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 form the hub of the world s largest global IT media network Creative Systems in Structural and Construction Engineering Amarjit Singh,2017-11-22 An examination of creative systems in structural and construction engineering taken from conference proceedings Topics covered range from construction methods safety and quality to seismic response of structural elements and soils and pavement analysis Resources in Education ,1991-04 **Government reports annual index** ,199? *Catalog of Copyright Entries. Third Series* Library of Congress. Copyright Office,1969 Handbook on Project Management and Scheduling 1 & 2 Christoph Schwindt,Jürgen Zimmermann,2015-04-27 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 **Management, a Bibliography for NASA Managers** ,1984 **Government Reports Annual Index: Keyword A-L** ,1987

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