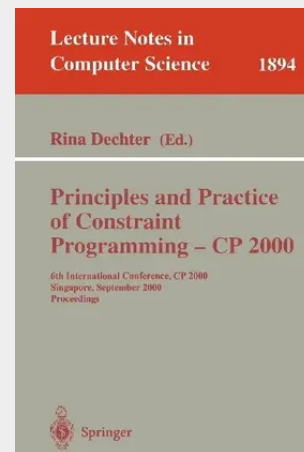


Principles and Practice of Constraint Programming - CP 2000

6th International Conference, CP 2000 Singapore, September 18-21, 2000 Proceedings

As computer science enters the new millennium, methods and languages for reasoning with constraints have come to play an important role, with both theoretical advances and practical applications. Constraints have emerged as the basis of a representational and computational paradigm that draws from many disciplines and can be brought to bear on many problem domains, including artificial intelligence, databases, and combinatorial optimization. The conference is concerned with all aspects of computing with constraints including algorithms, applications, environments, languages, models and systems. The Sixth International Conference on Principles and Practice of Constraint Programming (CP2000) continues to provide an international forum for presenting and discussing state-of-the-art research and applications involving constraints. After a few annual workshops, CP'95 took place in Cassis, France; CP'96 in Cambridge, USA; CP'97 in Schloss Hagenberg, Austria; CP'98 in Pisa, Italy and CP'99 in Alexandria, USA. This year the conference is held in Singapore, from 18 through 21 September 2000. This volume comprises the papers that were accepted for presentation at CP2000. From the 101 papers that were submitted, 31 papers were accepted for presentation in the plenary session and 13 papers were selected as posters and have a short version (7-9 pages) in this volume. All papers were subjected to rigorous review by three program committee members (or their designated reviewers) refereed each paper. Decisions were reached following discussions among reviewers and, in some instances, by e-mail consultation of the entire program committee. I believe the reader will find these articles to be of the highest quality, representing a significant contribution to the field.

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106,99 €
99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540410539
Medium: Buch
ISBN: 978-3-540-41053-9
Verlag: Springer
Erscheinungstermin: 06.09.2000
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2000
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1760 g
Seiten: 564
Format (B x H): 155 x 235 mm

