Dassow / Kelemen

Machines, Languages, and Complexity

5th International Meeting of Young Computer Scientists, Smolenice, Czechoslovakia, November 14-18, 1988. Selected Contributions

The volume contains selected contributions from the scientific programme of the 5th International Meeting of Young Computer Scientists (IMYCS '88) held at Smolenice Castle (Czechoslovakia), November 14-18, 1988. It is divided into five chapters which approach the three crucial notions of contemporary theoretical computer science - machines, languages, and complexity - from different perspectives. The first chapter contains contributions dealing with problems of decidability, hierarchy, and complexity. Papers concerning different types and problems of automata theory form the second chapter. The contributions in the third chapter cover the large field of algorithmics from the study of program complexity to the domain of computational geometry. The two contributions of the fourth chapter are devoted to logic programming and inductive inference. The final chapter deals with problems of cryptography and contains the text of the IMYCS '88 tutorial on cryptography and data security delivered by A. Salomaa. The book will be a useful source for orientation in contemporary theoretical computer science and related fields such as software engineering and artificial intelligence for researchers and graduate students.

The volume contains selected contributions from the scientific programme of the 5th International Meeting of Young Computer Scientists (IMYCS '88) held at Smolenice Castle (Czechoslovakia), November 14-18, 1988. It is divided into five chapters which approach the three crucial notions of contemporary theoretical computer science - machines, languages, and complexity - from different perspectives. The first chapter contains contributions dealing with problems of decidability, hierarchy, and complexity. Papers concerning different types and problems of automata theory form the second chapter. The contributions in the third chapter cover the large field of algorithmics from the study of program complexity to the domain of computational geometry. The two contributions of the fourth chapter are devoted to logic programming and inductive inference. The final chapter deals with problems of cryptography and contains the text of the IMYCS '88 tutorial on cryptography and data security delivered by A. Salomaa. The book will be a useful source for orientation in contemporary theoretical computer science and related fields such as software engineering and artificial intelligence for researchers and graduate students.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540515166
Medium: Buch
ISBN: 978-3-540-51516-6
Verlag: Springer
Erscheinungstermin: 09.08.1989
Sprache(n): Englisch
Auflage: Erscheinungsjahr 1989
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 800 g
Seiten: 248
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)