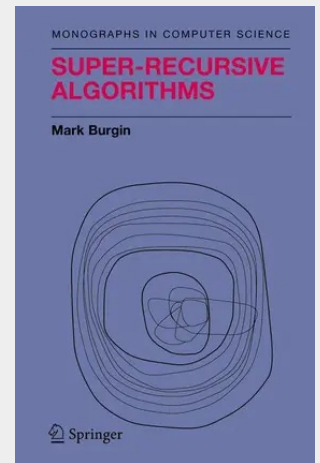


Super-Recursive Algorithms

provides an accessible, focused examination of the theory of super-recursive algorithms and its ramifications for the computer industry, networks, artificial intelligence, embedded systems, and the Internet. The book demonstrates how these algorithms are more appropriate as mathematical models for modern computers, and how these algorithms present a better framework for computing methods in such areas as numerical analysis, array searching, and controlling and monitoring systems. In addition, a new practically-oriented perspective on the theory of algorithms, computation, and automata, as a whole, is developed. Problems of efficiency, software development, parallel and distributed processing, pervasive and emerging computation, computer architecture, machine learning, brain modeling, knowledge discovery, and intelligent systems are addressed. This clear exposition, motivated by numerous examples and illustrations, serves researchers and advanced students interested in theory of computation and algorithms.

provides an accessible, focused examination of the theory of super-recursive algorithms and its ramifications for the computer industry, networks, artificial intelligence, embedded systems, and the Internet. The book demonstrates how these algorithms are more appropriate as mathematical models for modern computers, and how these algorithms present a better framework for computing methods in such areas as numerical analysis, array searching, and controlling and monitoring systems. In addition, a new practically-oriented perspective on the theory of algorithms, computation, and automata, as a whole, is developed. Problems of efficiency, software development, parallel and distributed processing, pervasive and emerging computation, computer architecture, machine learning, brain modeling, knowledge discovery, and intelligent systems are addressed. This clear exposition, motivated by numerous examples and illustrations, serves researchers and advanced students interested in theory of computation and algorithms.



106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780387955698

Medium: Buch

ISBN: 978-0-387-95569-8

Verlag: Humana

Erscheinungstermin: 01.12.2004

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2004

Serie: Monographs in Computer Science

Produktform: Gebunden

Gewicht: 1380 g

Seiten: 304

Format (B x H): 160 x 241 mm

