



Unconventional Computing 2007 (Paperback)

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Luniver Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 150 mm. Language: English Brand New Book ***** Print on Demand *****. Unconventional computing is the quest for groundbreaking new algorithms and computing architectures based on and inspired by the principles of information processing in physical, chemical and biological systems. The timely scientific contributions in this book include cutting-edge theoretical work on quantum and kinematic Turing machines, computational complexity of physical systems, molecular and chemical computation, processing incomplete information, physical hypercomputation, automata networks and swarms. They are nicely complemented by recent results on experimental implementations of logical and arithmetical circuits in a domino substrate, DNA computers, and self-assembly. The book supports interdisciplinary research in the field of future computing and contributes toward developing a common interface between computer science, biology, mathematics, chemistry, electronics engineering, and physics.



Reviews

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- Dr. Kadin Hane DVM

This publication may be worth purchasing. it was actually writtern quite flawlessly and valuable. I am just happy to tell you that this is actually the very best book i actually have study inside my personal life and can be he best ebook for actually.

-- Frank Nienow