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MARTINEZ KIRK

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"This publication presents a series of practical applications of different Soft Computing techniques to real-world problems, showing the enormous potential of these techniques in solving problems"--

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This book gathers selected high-quality papers presented at the International Conference on Machine Learning and Computational Intelligence (ICMLCI-2019), jointly organized by Kunming University of Science and Technology and the Interscience Research Network, Bhubaneswar, India, from April 6 to 7, 2019. Addressing virtually all aspects of intelligent systems, soft computing and machine learning, the topics covered include: prediction; data mining; information retrieval; game playing; robotics; learning methods; pattern visualization; automated knowledge acquisition; fuzzy, stochastic and probabilistic computing; neural computing; big data; social networks and applications of soft computing in various areas.

Advances In Quantum Flux Parametron Computer Design: Studies In Josephson Supercomputers
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Computer Systems and Software Engineering is a compilation of sixteen state-of-the-art lectures and keynote speeches given at the COMPEURO '92 conference. The contributions are from leading researchers, each of whom gives a new insight into subjects ranging from hardware design through parallelism to computer applications. The pragmatic flavour of the contributions makes the book a valuable asset for both researchers and designers alike. The book covers the following subjects:
Hardware Design: memory technology, logic design, algorithms and architecture; Parallel Processing: programming, cellular neural networks and load balancing; Software Engineering: machine learning, logic programming and program correctness; Visualization: the graphical computer interface.

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Principles of VLSI and CMOS Integrated Circuits Saraswati House Pvt Ltd

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IIZUKA '96, the 4th International Conference on Soft Computing, emphasized the integration of the components of soft computing to promote the research work on post-digital computers and to realize the intelligent systems. At the conference, new developments and results in soft computing were introduced and discussed by researchers from academic, governmental, and industrial institutions. This volume presents the opening lectures by Prof. Lotfi A. Zadeh and Prof. Walter J. Freeman, the plenary lectures by seven eminent researchers, and about 200 carefully selected papers drawn from more than 20 countries. It documents current research and in-depth studies on the conception, design, and application of intelligent systems.

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This book constitutes thoroughly reviewed, revised and selected papers from the 5th International Conference on Human Centered Computing, HCC 2019, held in Čačak, Serbia, in August 2019. The 48 full and 23 short papers presented in this volume were carefully reviewed and selected from a total of 133 submissions. The papers focus on deep learning and its applications on a variety of real-life problems, ranging from image/video analysis, to human-computer interaction, and to logistics and supply chain management.

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There are three outstanding points of this book. First: for the first time, a collective point of view on the role of artificial intelligence paradigm in logic design is introduced. Second, the book reveals new horizons of logic design tools on the technologies of the near future. Finally, the contributors of the book are twenty recognizable leaders in the field from the seven research centres. The chapters of the book have been carefully reviewed by equally qualified experts. All contributors are experienced in practical electronic design and in teaching engineering courses. Thus, the book's style is accessible to graduate students, practical engineers and researchers.

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For B.E./B.Tech students of all Technical Universities. Microelectronics/VLSI Design is an emerging subject in the field of electronics in recent years. It is an introductory source to internal parts of electronics at minute level. This book is covering CMOS Design from a digital system level to circuit level and providing a background in CMOS Processing Technology. The book includes basic theoretical knowledge as well as good engineering practice. This book is recommended for B.Tech., M.Tech. and diploma students of all Indian Universities and also useful for competitive examinations.

Computer Science and Information Technology Solved Papers GATE 2022 Bushra Arshad

This book is a collection of some 47 research papers that were presented in June 1997 at the 2nd Online World Conference in Soft Computing. It covers the state-of-the-art techniques and applications of soft computing which will stimulate further advances towards the next generation of intelligent machines. Soft Computing in Engineering Design and Manufacturing will be of interest to graduate students and researchers involved in soft computing. It will also be useful for those working in related industrial environments.

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This Festschrift volume, published in honor of Carolyn Talcott on the occasion of her 70th birthday, contains a collection of papers presented at a symposium held in Menlo Park, California, USA, in November 2011. Carolyn Talcott is a leading researcher and mentor of international renown among computer scientists. She has made key contributions to a number of areas of computer science including: semantics and verification of programming languages; foundations of actor-based systems; middleware, meta-architectures, and systems; Maude and rewriting logic; and computational biology. The 21 papers presented are organized in topical sections named: Essays on Carolyn Talcott; actors and programming languages; cyberphysical systems; middleware and meta-architectures; formal methods and reasoning tools; and computational biology.

The Essentials of GCSE Design & Technology Oswaal Books and Learning Private Limited

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