

**Lecture Notes in
Computer Science 1745**

Prith Banerjee Viktor K. Prasanna
Bhabani P. Sinha (Eds.)

High Performance Computing – HiPC'99

6th International Conference
Calcutta, India, December 1999
Proceedings



High Performance Computing - HiPC'99:
6th International Conference, Calcutta,
India, December 17-20, 1999
Proceedings (Lecture Notes in Computer
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Dror G. Feitelson Larry Rudolph (Eds.)

Job Scheduling Strategies for Parallel Processing

**IPPS/SPDP'99 Workshop, JSSPP'99
San Juan, Puerto Rico, April 1999
Proceedings**



Job Scheduling Strategies for Parallel Processing: IPPS/SPDP'99 Workshop, JSSPP'99, San Juan, Puerto Rico, April 16, 1999, Proceedings (Lecture Notes in Computer Science, 1659)

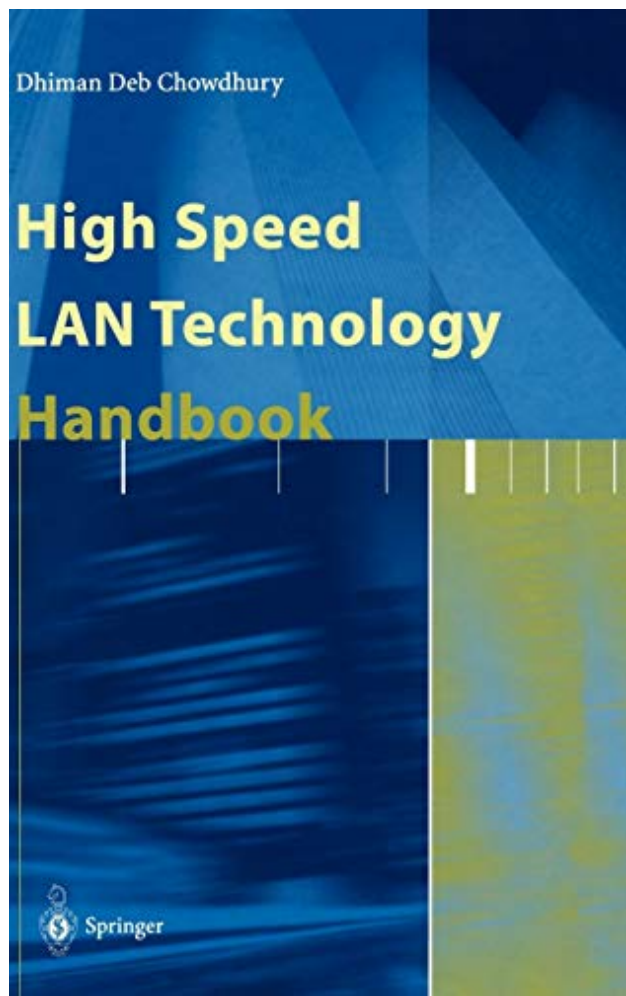
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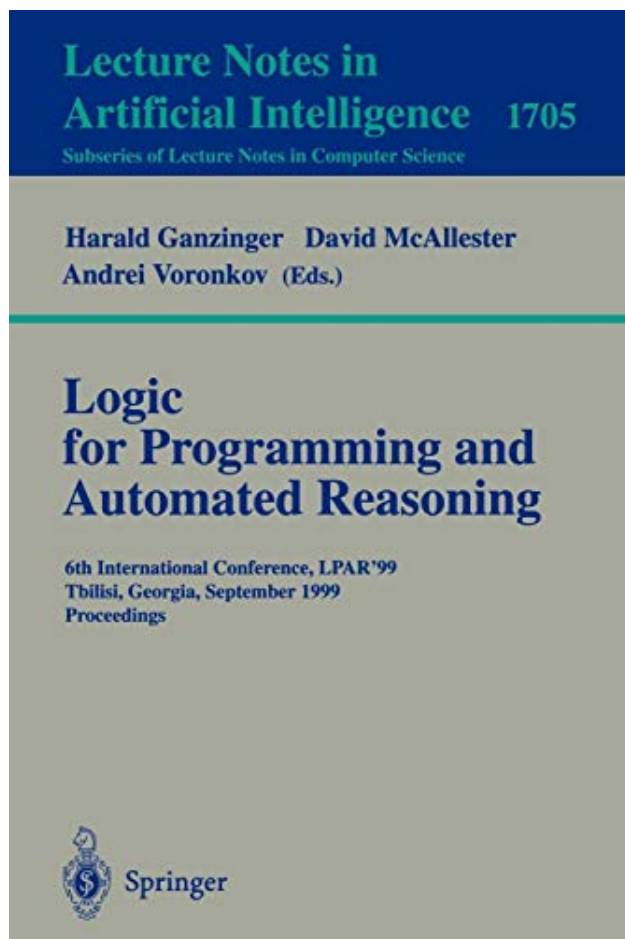
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Prasad Jayanti (Ed.)

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13th International Symposium, DISC'99
Bratislava, Slovak Republic, September 1999
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Springer

Distributed Computing: 13th International Symposium, DISC'99, Bratislava, Slovak Republic, September 27-29, 1999, Proceedings (Lecture Notes in Computer Science, 1693)

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Jan Hlavička Erik Maehle
András Pataricza (Eds.)

Dependable Computing – EDCC-3

Third European Dependable Computing Conference
Prague, Czech Republic, September 1999
Proceedings



Springer

Dependable Computing - EDDC-3: Third European Dependable Computing Conference, Prague, Czech Republic, September 15-17, 1999, Proceedings (Lecture Notes in Computer Science, 1667)

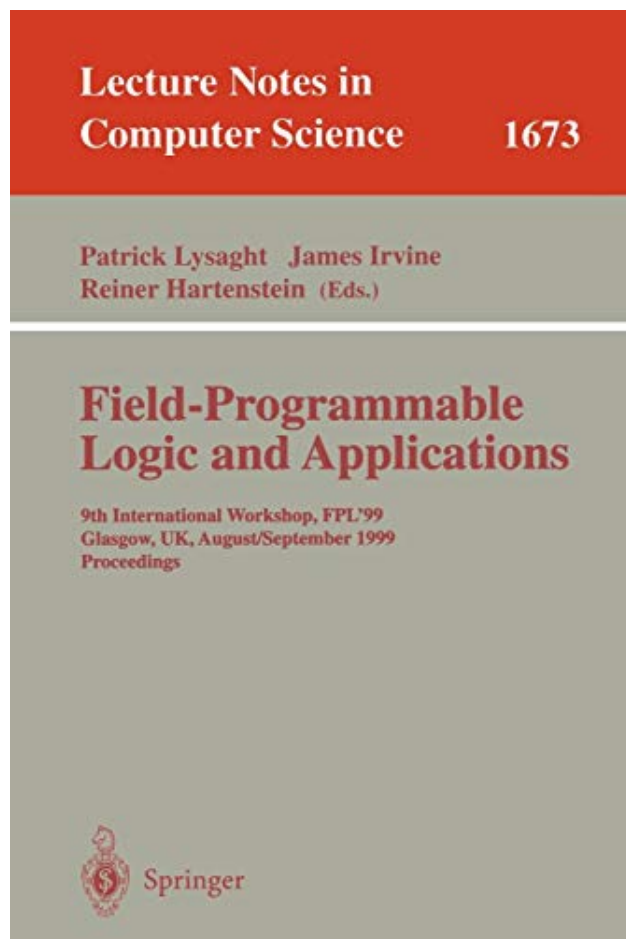
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Victor Malyshkin (Ed.)

Parallel Computing Technologies

5th International Conference, PaCT-99
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Parallel Computing Technologies: 5th International Conference, PaCT-99, St. Petersburg, Russia, September 6-10, 1999 Proceedings (Lecture Notes in Computer Science, 1662)

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Third International Conference
Porto, Portugal, June 1998
Selected Papers and Invited Talks



Vector and Parallel Processing -
VECPAR'98: Third International
Conference Porto, Portugal, June 21-23,
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(Lecture Notes in Computer Science,
1573)

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José Rolim et al. (Eds.)

Parallel and Distributed Processing

11 IPPS/SPDP'99 Workshops
Held in Conjunction with the
13th International Parallel Processing Symposium and
10th Symposium on Parallel and Distributed Processing
San Juan, Puerto Rico, USA, April 1999
Proceedings

IPPS 1999
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TC Parallel Processing



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Parallel and Distributed Processing: 11th IPPS/SPDP'99 Workshops Held in Conjunction with the 13th International Parallel Processing Symposium and ... (Lecture Notes in Computer Science, 1586)

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Panos Antsaklis Wolf Kohn Michael Lemmon
Anil Nerode Shankar Sastry (Eds.)

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Hybrid Systems V (Lecture Notes in Computer Science, 1567)

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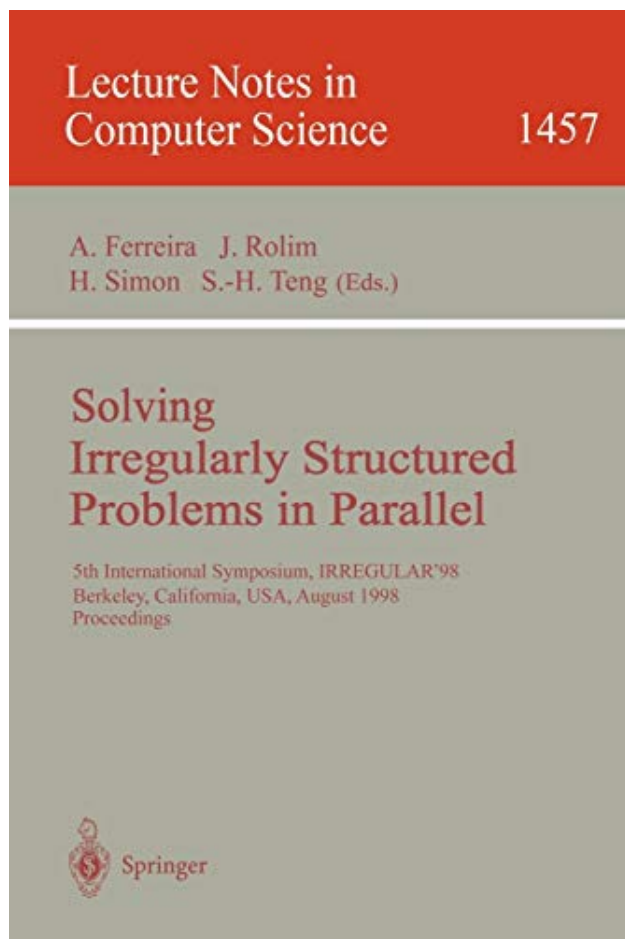
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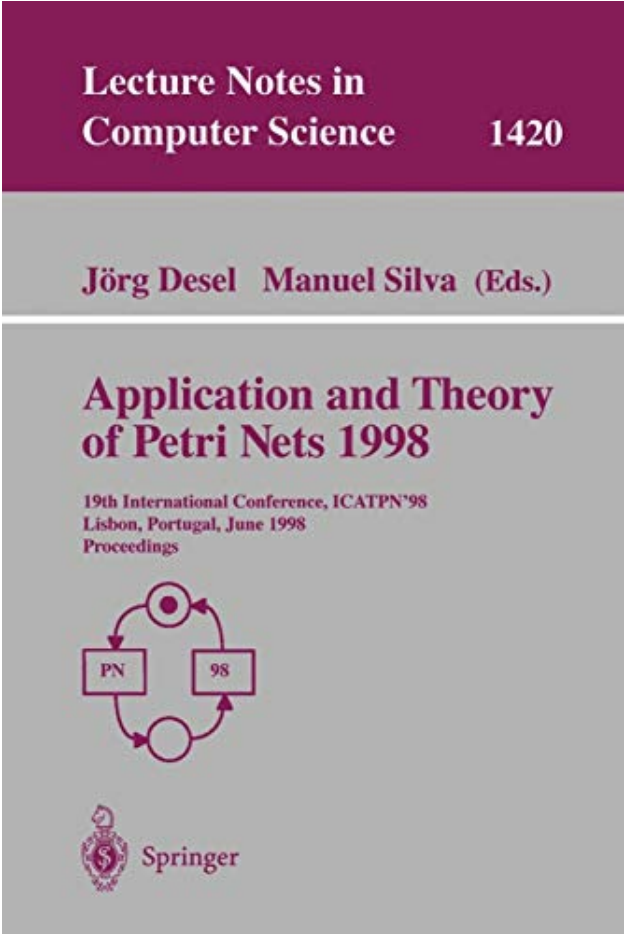
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22-26, 1998 Proceedings (Lecture Notes
in Computer Science, 1420)

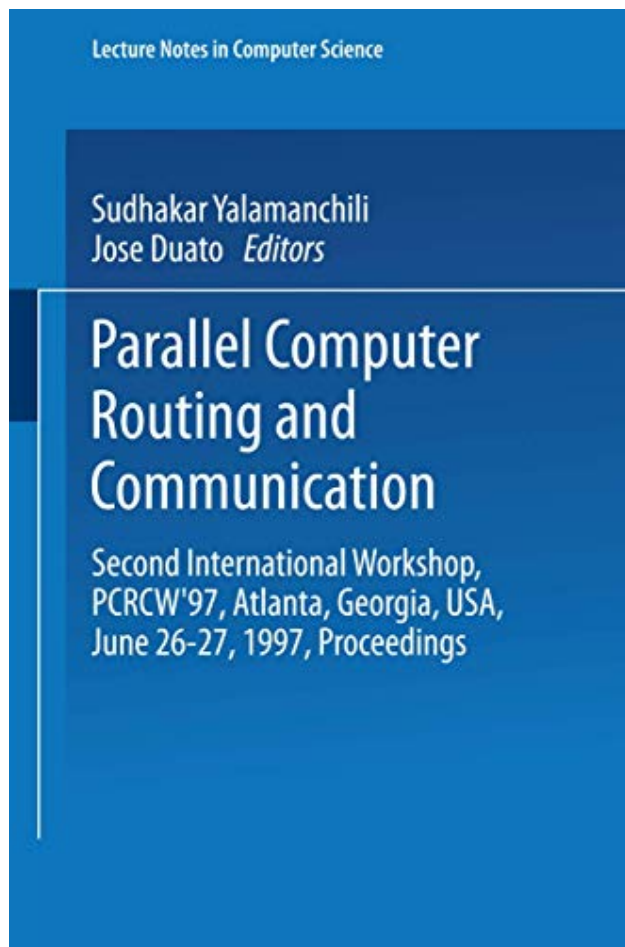
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R. K. Shyamasundar K. Ueda (Eds.)

Advances in Computing Science – ASIAN'97

Third Asian Computing Science Conference
Kathmandu, Nepal, December 1997
Proceedings



Advances in Computing Science - ASIAN'97: Third Asian Computing Science Conference, Kathmandu, Nepal, December 9-11, 1997. Proceedings (Lecture Notes in Computer Science, 1345)

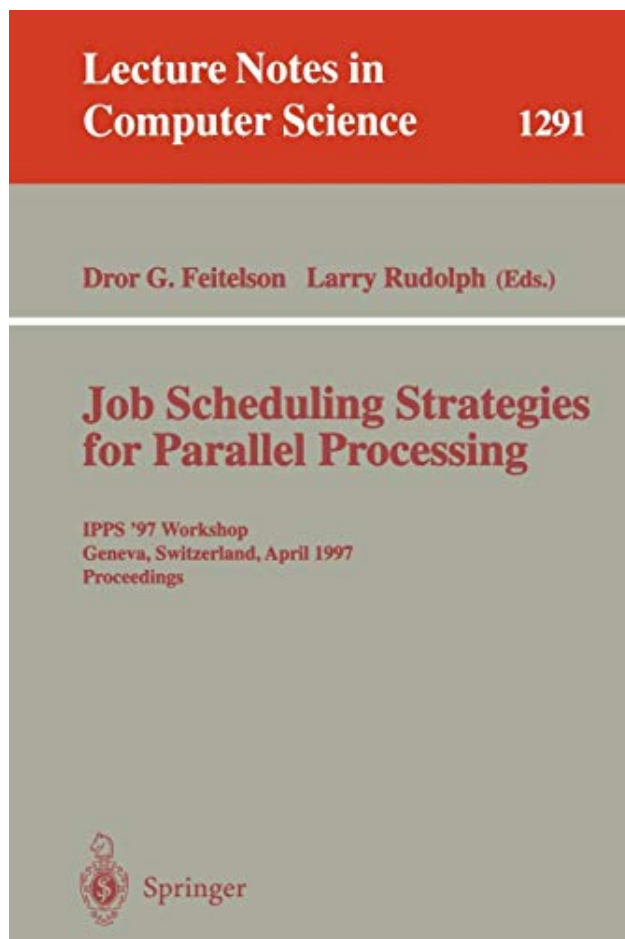
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Job Scheduling Strategies for Parallel Processing: IPPS '97 Workshop, Geneva, Switzerland, April 5, 1997, Proceedings (Lecture Notes in Computer Science, 1291)

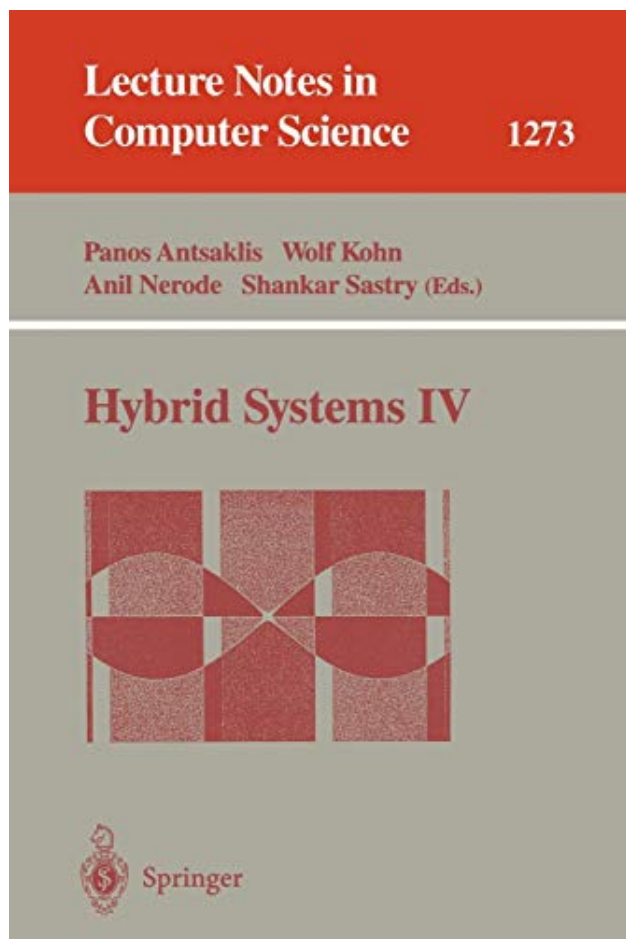
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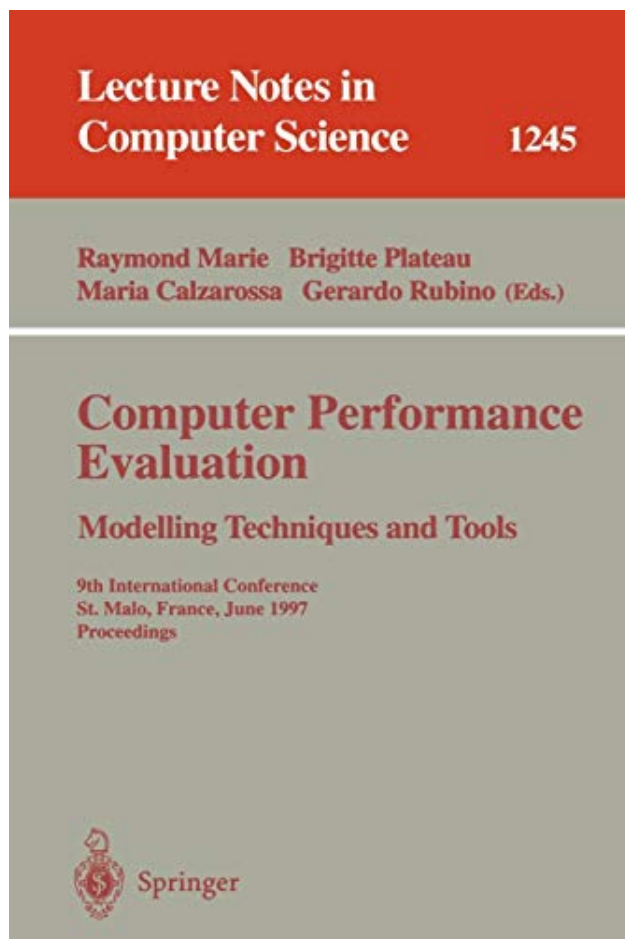
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**Dimitrios Soudris Peter Pirsch
Erich Barke (Eds.)**

Integrated Circuit Design

**Power and Timing Modeling,
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10th International Workshop, PATMOS 2000
Göttingen, Germany, September 2000
Proceedings



Integrated Circuit Design Power and Timing Modeling, Optimization and Simulation

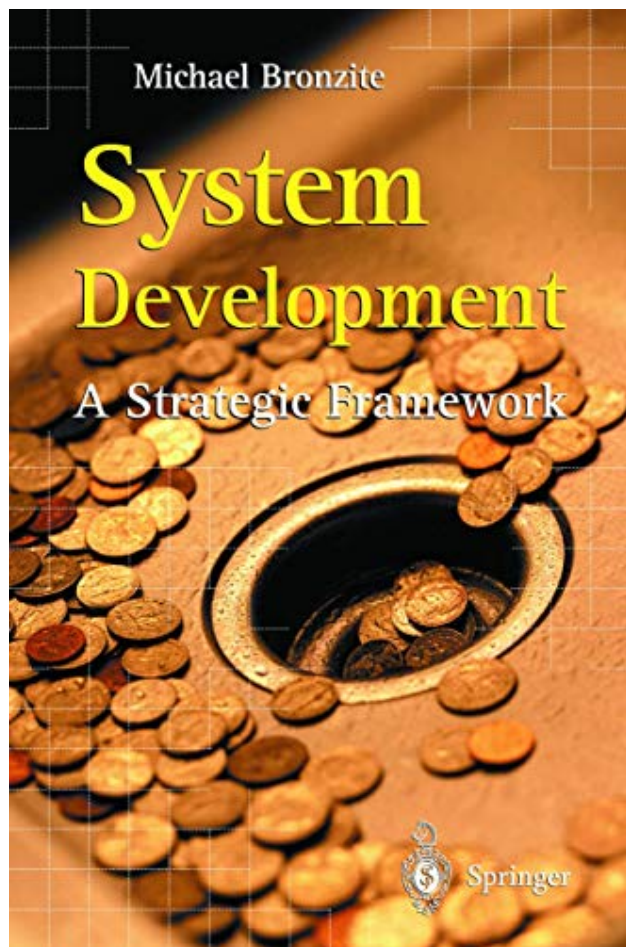
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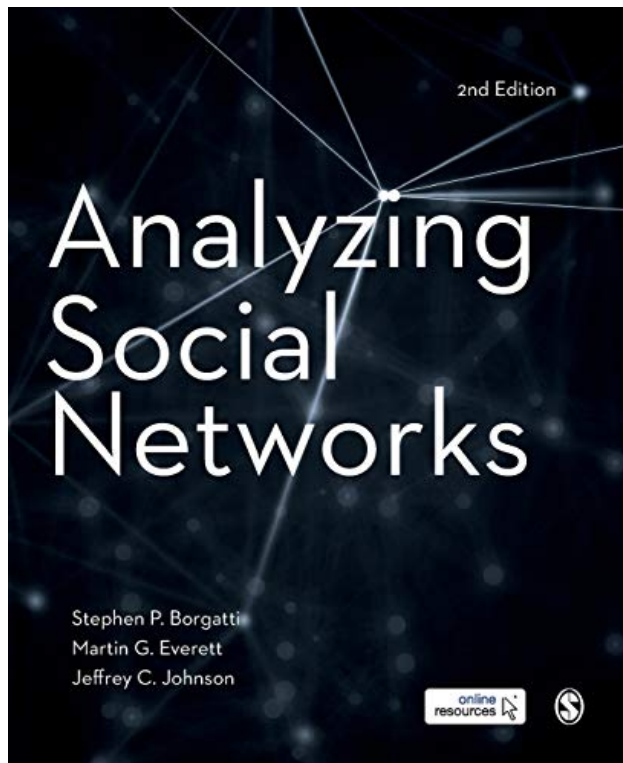
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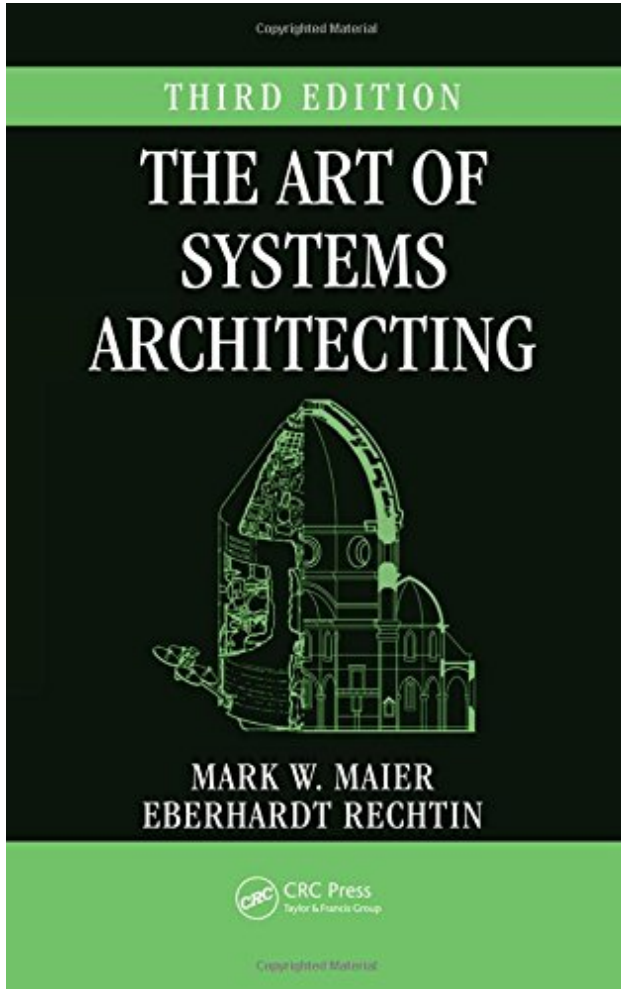
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by

Mark D. Yarvis
Peter Reiher
Gerald J. Popek

KLUWER ACADEMIC PUBLISHERS

Conductor: Distributed Adaptation for Heterogeneous Networks (The Springer International Series in Engineering and Computer Science, 688)

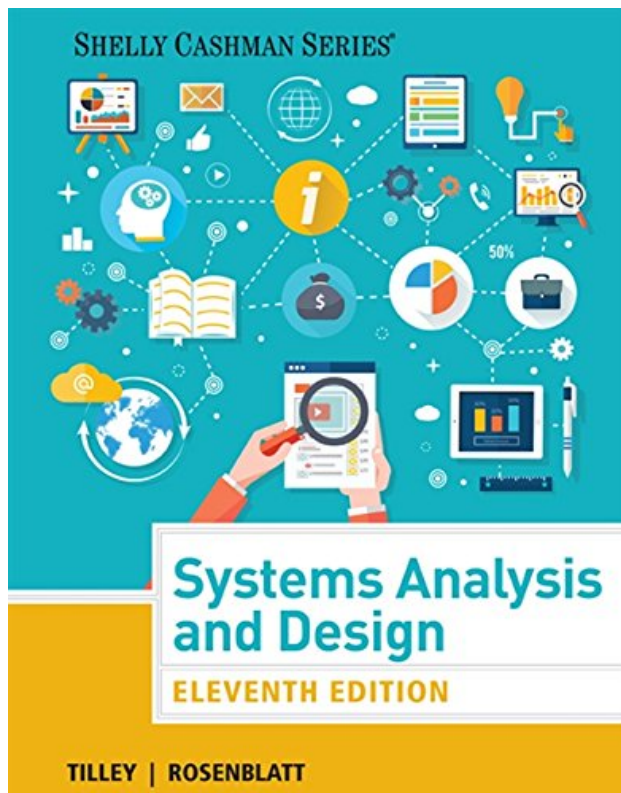
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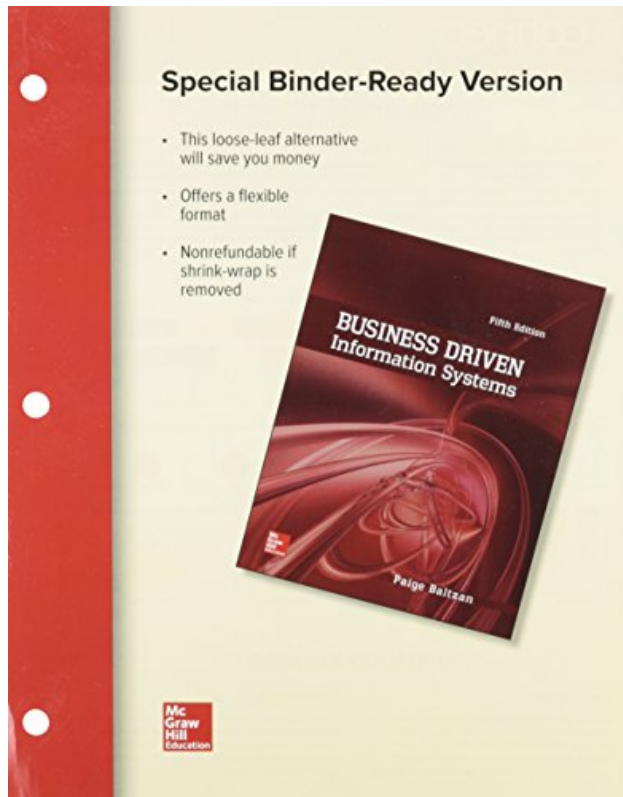
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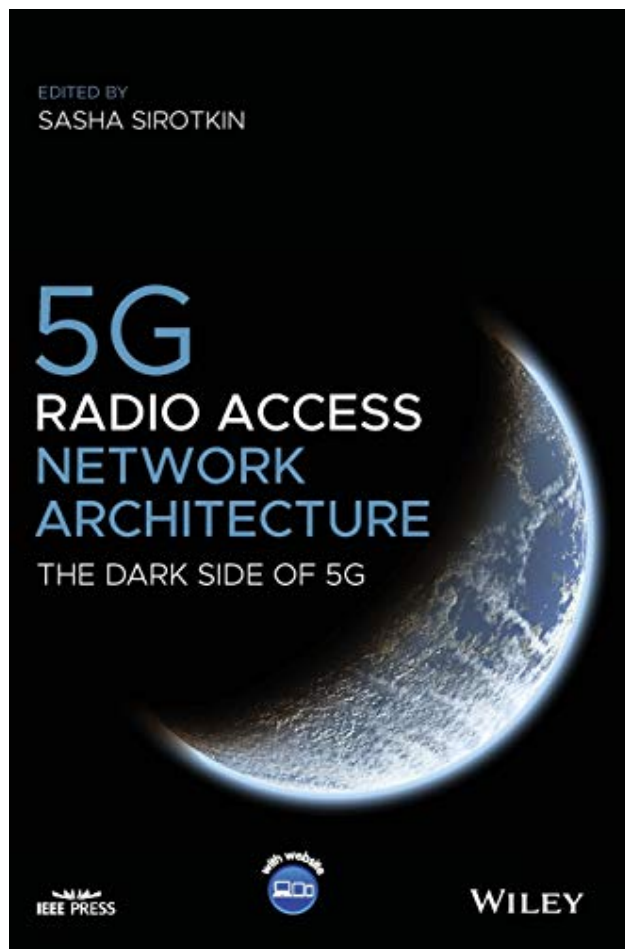
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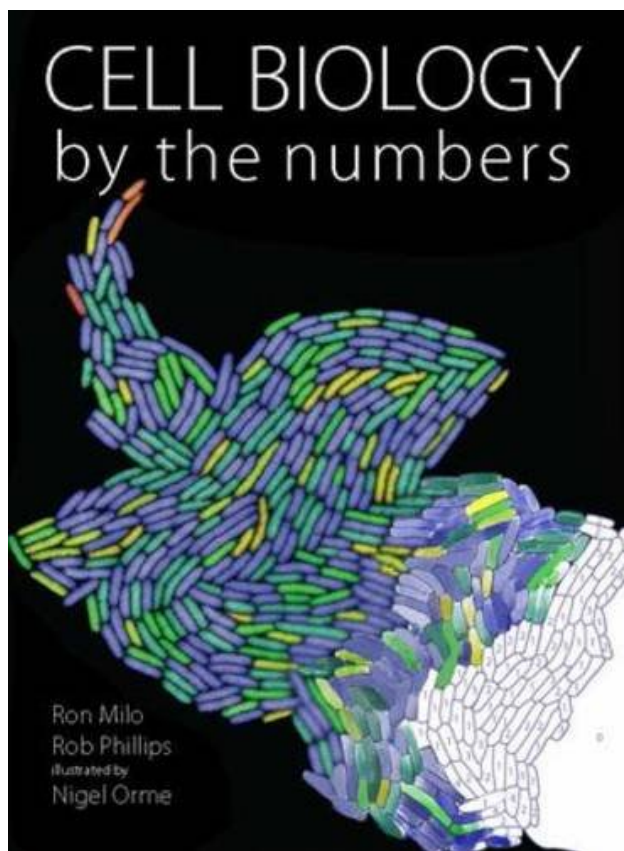
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Product Description

Discover how the NG-RAN architecture is, and isn't, ready for the challenges introduced by 5G. 5G Radio Access Network Architecture: The Dark Side of 5G explores foundational and advanced topics in Radio Access Network (RAN) architecture and why a re-thinking of that architecture is necessary to support new 5G requirements. The distinguished engineer and editor Sasha Sirotkin has included numerous works written by industry insiders with state of the art research at their disposal. The book explains the relevant standards and technologies from an academic perspective, but also explains why particular standards decisions were made and how a variety of NG-RAN architecture options could be deployed in real-life networks. All major standards and technologies associated with the NG-RAN architecture are discussed in this book, including 3GPP, O-RAN, Small Cell Forum, IEEE, and IETF. Readers will learn about how a re-design of the RAN architecture would ensure that 5G networks can deliver their promised throughput and low latency KPIs consistently and sustainably. The book is structured as follows: An overview of the market drivers of the NG-RAN architecture, like spectrum models, 5G-relevant regulatory considerations, and 5G radio interface technical requirements. An overview of the 5G System, from the core network, to the RAN, to the radio interface protocols and physical layer, with emphasis on how these are different compared to 4G. Release-15 RAN architectures defined in 3GPP, O-RAN, and Small Cell Forum. RAN architecture evolution in Release-16 and Release-17. Enabling technologies, like virtualization, open source technologies, multi-access edge (MEC) computing, and operations, administration, and management (OAM). NG-RAN deployment considerations, objectives, and challenges, like costs, spectrum and radio propagation considerations, and coverage. Perfect for network designers and operators who require a solid understanding of the NG-RAN architecture, 5G Radio Access Network Architecture also belongs on the bookshelves of network engineers who aim to increase their understanding of the standards and technologies relevant to the NG-RAN architecture.



Cell Biology by the Numbers

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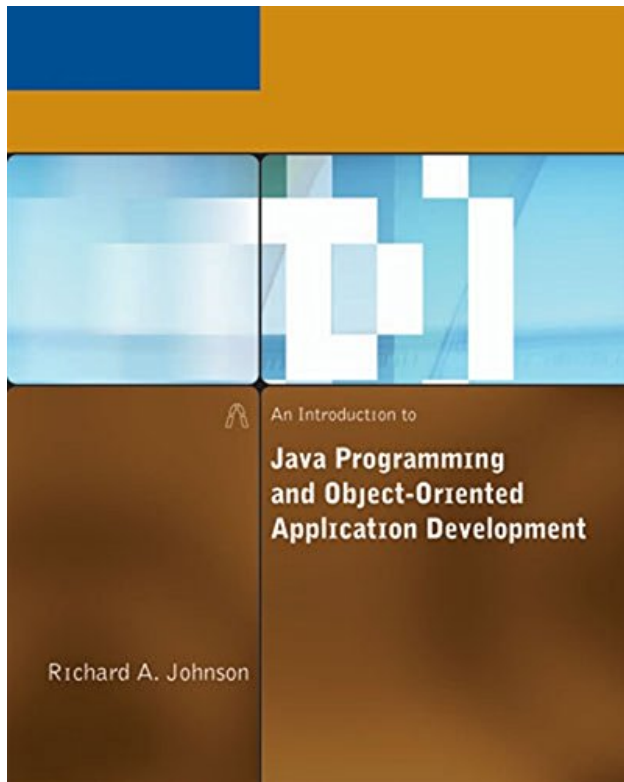
SKU: 9780815345374

Price: \$1,405.95

Categories: [APPLIED PHYSICS & SPECIAL TOPICS](#), [BIOLOGY, LIFE SCIENCES](#), [BIOLOGY, LIFE SCIENCES](#), [BIOPHYSICS](#), [CELLULAR BIOLOGY](#), [COMPUTER SCIENCE](#), [COMPUTING AND INFORMATION TECHNOLOGY](#), [PHYSICS](#), [PHYSICS](#), [Systems analysis & design](#)

Product Description

A Top 25 CHOICE 2016 Title, and recipient of the CHOICE Outstanding Academic Title (OAT) Award. How much energy is released in ATP hydrolysis? How many mRNAs are in a cell? How genetically similar are two random people? What is faster, transcription or translation? Cell Biology by the Numbers explores these questions-and dozens of others-providing a richly illustrated and handy reference for students and researchers in molecular and cell biology, chemistry, and biophysics. The book features question-driven vignettes and back of the envelope calculations that investigate some of the key numbers in cell biology. Readers will learn about the sizes, concentrations, rates, energies, and other numbers that describe and drive the living world.



An Introduction to Java Programming and Object-Oriented Application Development

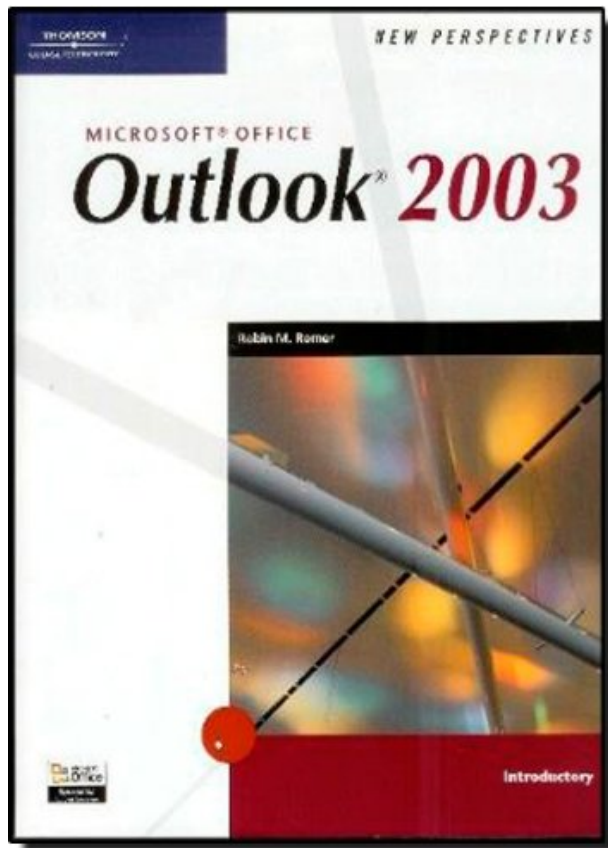
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Product Description



NP ON MS OUTLOOK 2003 INTRODUCTORY (New Perspectives Series)

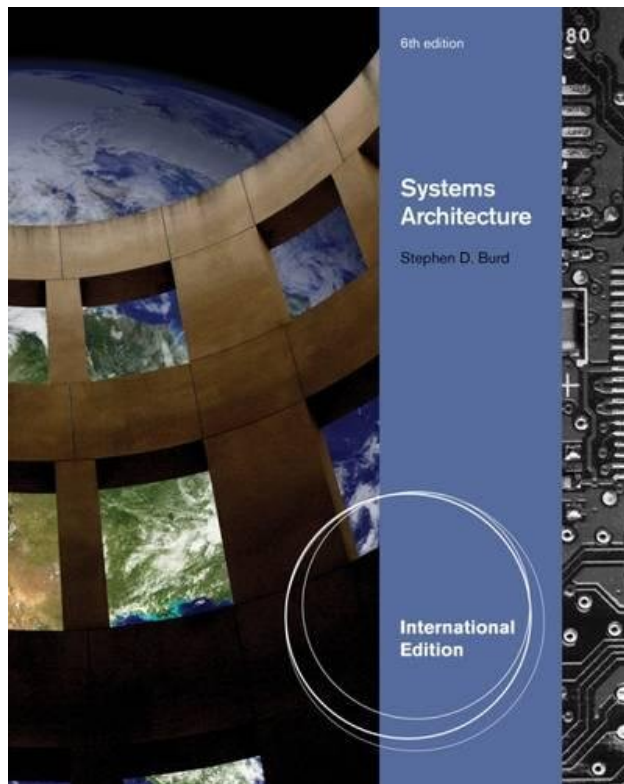
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Categories: [APPLICATIONS OF COMPUTING](#), [BUSINESS & MANAGEMENT](#), [BUSINESS & MANAGEMENT](#), [COMPUTER SCIENCE](#), [COMPUTING AND INFORMATION TECHNOLOGY](#), [Systems analysis & design](#), [TECHNICAL DESIGN](#), [TECHNOLOGY: GENERAL ISSUES](#), [TECHNOLOGY: GENERAL ISSUES](#)

Product Description



Systems Architecture, International Edition

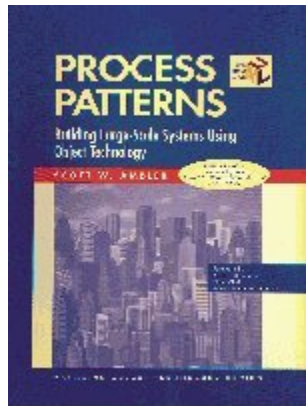
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Product Description



Process Patterns: Building Large-Scale Systems Using Object Technology

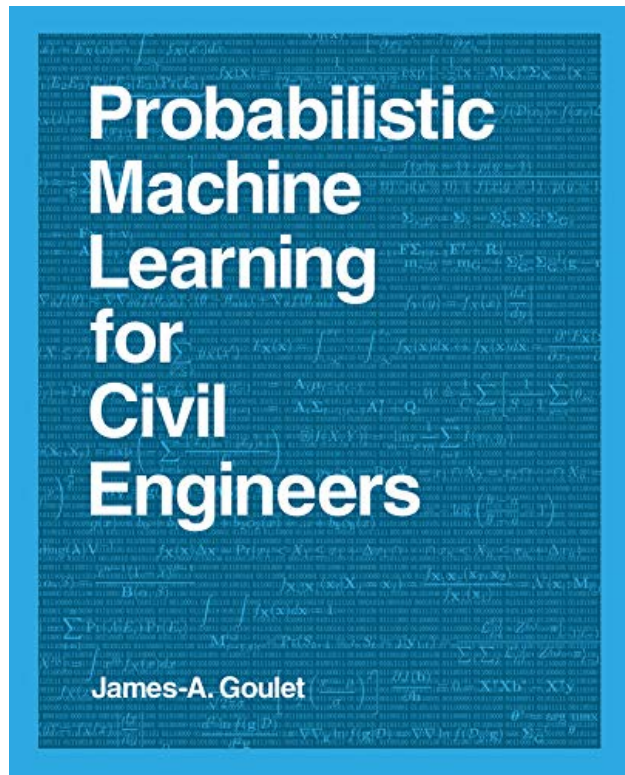
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Product Description



Probabilistic Machine Learning for Civil Engineers (The MIT Press)

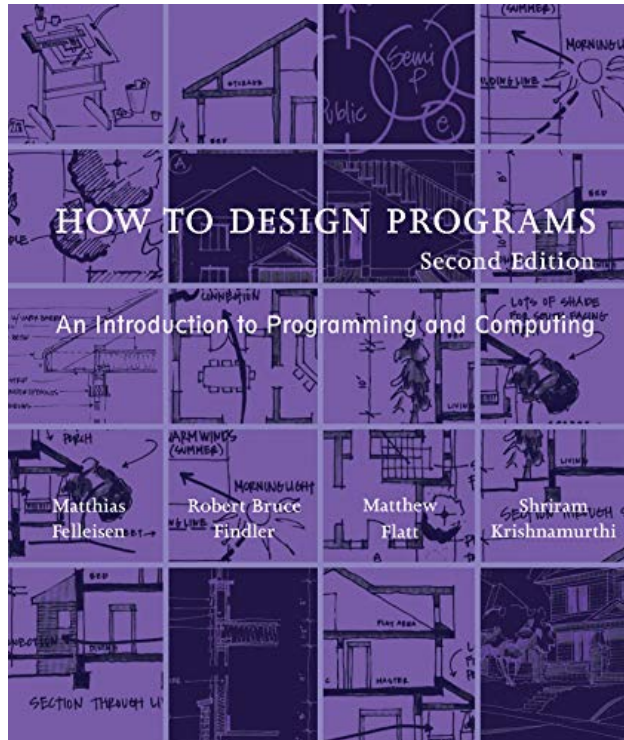
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Product Description



How to Design Programs, second edition: An Introduction to Programming and Computing (The MIT Press)

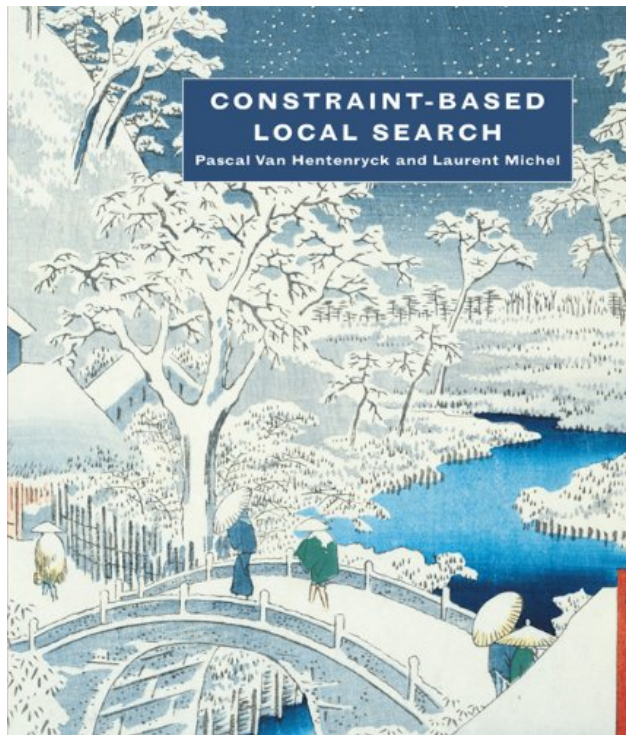
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Price: \$1,260.00

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Product Description



Constraint-Based Local Search (The MIT Press)

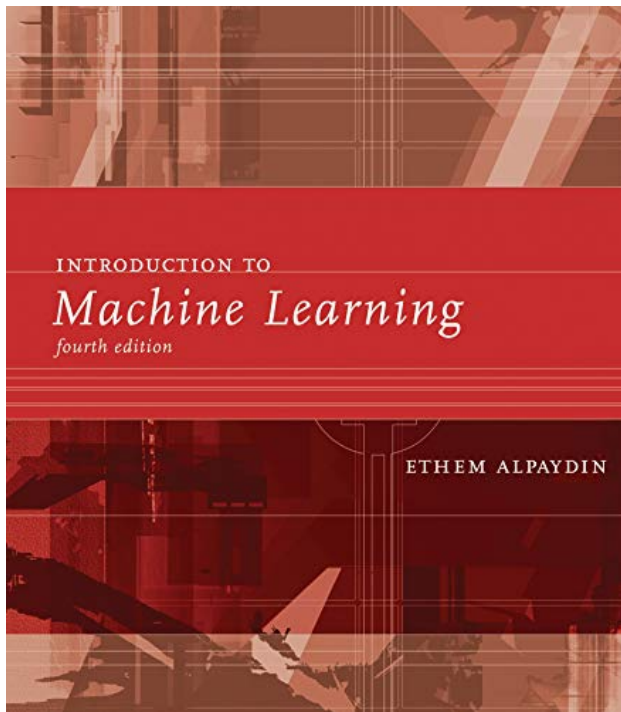
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Product Description



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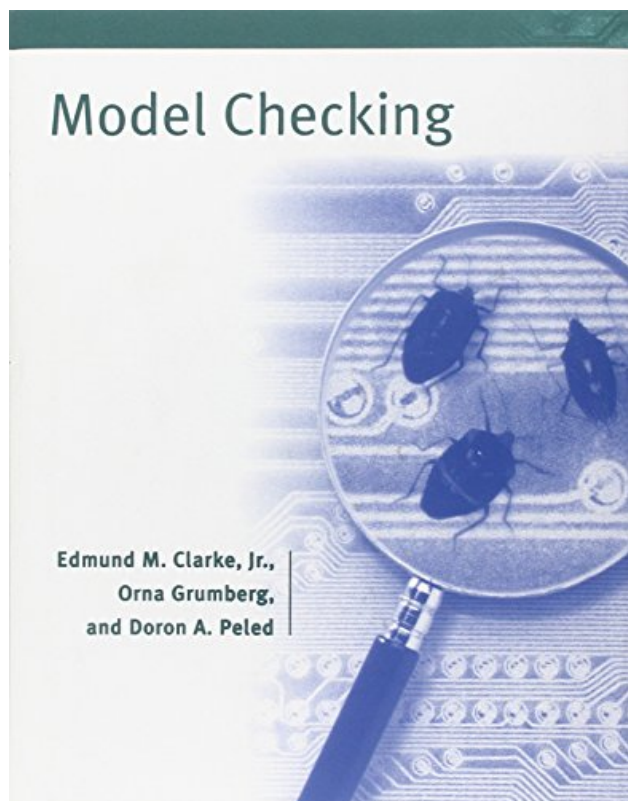
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Product Description



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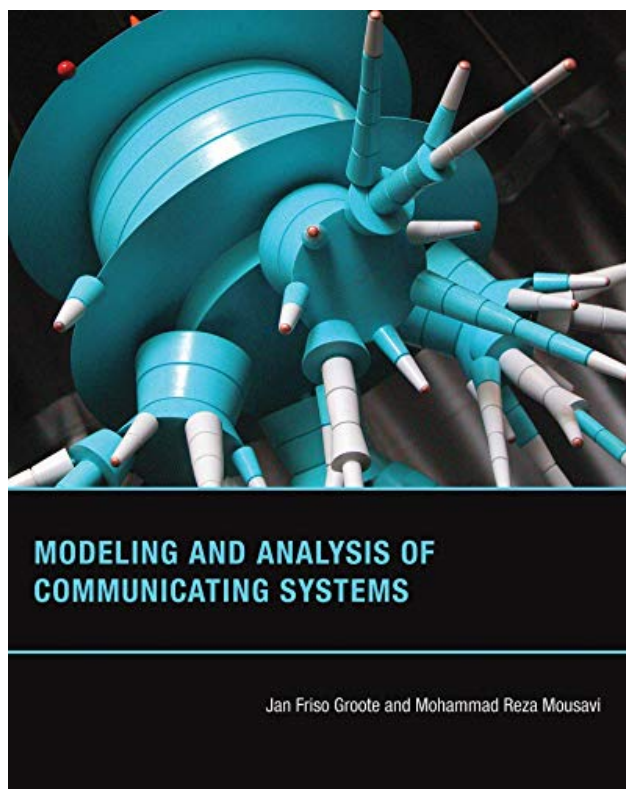
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Price: \$1,575.00

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Product Description



Modeling and Analysis of Communicating Systems (The MIT Press)

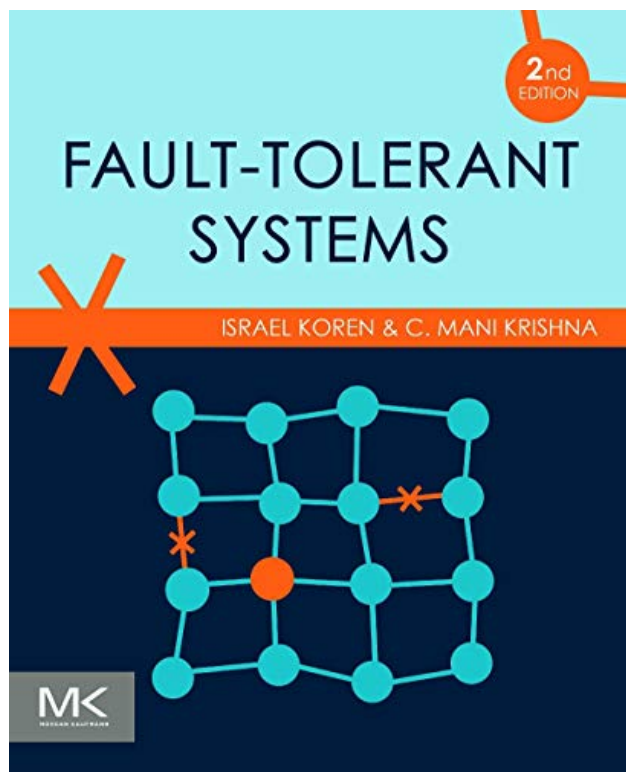
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Product Description



Fault-Tolerant Systems

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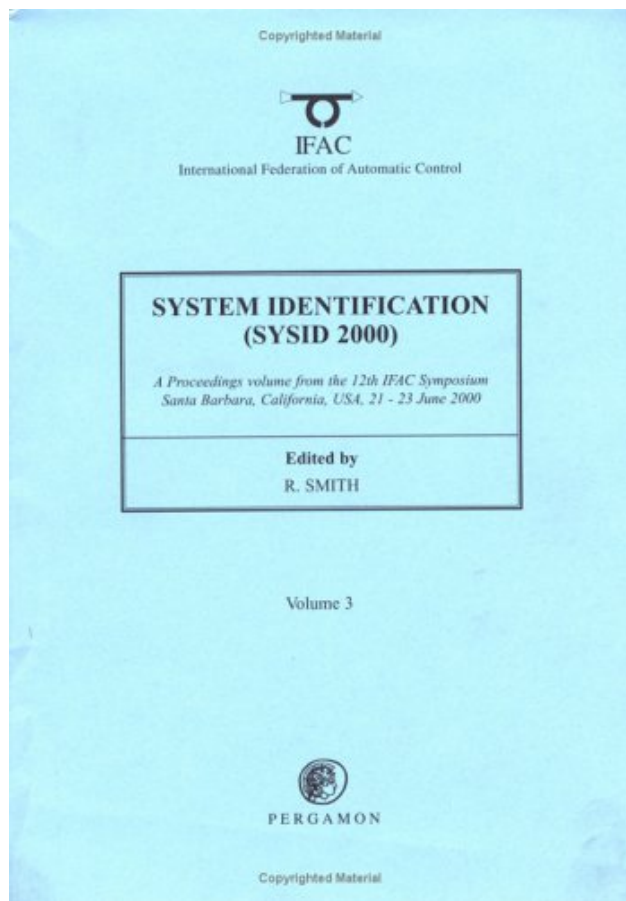
SKU: 9780128181058

Price: \$1,993.95

Categories: [Computer architecture & logic design](#), [COMPUTER SCIENCE](#), [COMPUTING AND INFORMATION TECHNOLOGY](#), [OPERATING SYSTEMS](#), [Systems analysis & design](#)

Product Description

Fault-Tolerant Systems, Second Edition, is the first book on fault tolerance design utilizing a systems approach to both hardware and software. No other text takes this approach or offers the comprehensive and up-to-date treatment that Koren and Krishna provide. The book comprehensively covers the design of fault-tolerant hardware and software, use of fault-tolerance techniques to improve manufacturing yields, and design and analysis of networks. Incorporating case studies that highlight more than ten different computer systems with fault-tolerance techniques implemented in their design, the book includes critical material on methods to protect against threats to encryption subsystems used for security purposes. The text's updated content will help students and practitioners in electrical and computer engineering and computer science learn how to design reliable computing systems, and how to analyze fault-tolerant computing systems.



System Identification 2000 (SYSID 2000) (IFAC Proceedings Volumes)

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Product Description
