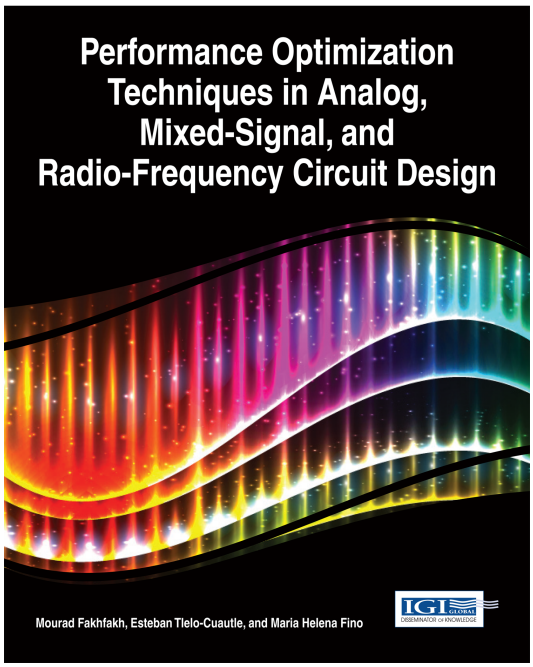
An Excellent Addition to Your Library!

Released: October 2014

Performance Optimization Techniques in Analog, Mixed-Signal, and Radio-Frequency Circuit Design

Premier Reference Source



ISBN: 9781466666276; © 2015; 340 pp.
Print: US $235.00 | Perpetual: US $355.00 | Print + Perpetual: US $470.00

Part of the Advances in Computer and Electrical Engineering Book Series

Mourad Fakhfakh (University of Sfax, Tunisia),
Esteban Tlelo-Cuautle (INAOE, Mexico), and
Maria Helena Fino (New University of Lisbon, Portugal)

Improving the performance of existing technologies has always been a focal practice in the development of computational systems. However, as circuitry is becoming more complex, conventional techniques are becoming outdated and new research methodologies are being implemented by designers.

Performance Optimization Techniques in Analog, Mix-Signal, and Radio-Frequency Circuit Design features recent advances in the engineering of integrated systems with prominence placed on methods for maximizing the functionality of these systems. This book emphasizes prospective trends in the field and is an essential reference source for researchers, practitioners, engineers, and technology designers interested in emerging research and techniques in the performance optimization of different circuit designs.

Topics Covered:

- Circuit Design
- Electromagnetic Optimization
- Evolutionary Algorithms
- Hybrid Techniques
- Metaheuristics
- Optimization Practices
- Simulation-Based Methodologies
- Swarm Intelligence

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

☐ Enclosed is check payable to IGI Global in US Dollars, drawn on a US-based bank

☐ Credit Card ☐ Mastercard ☐ Visa ☐ Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____