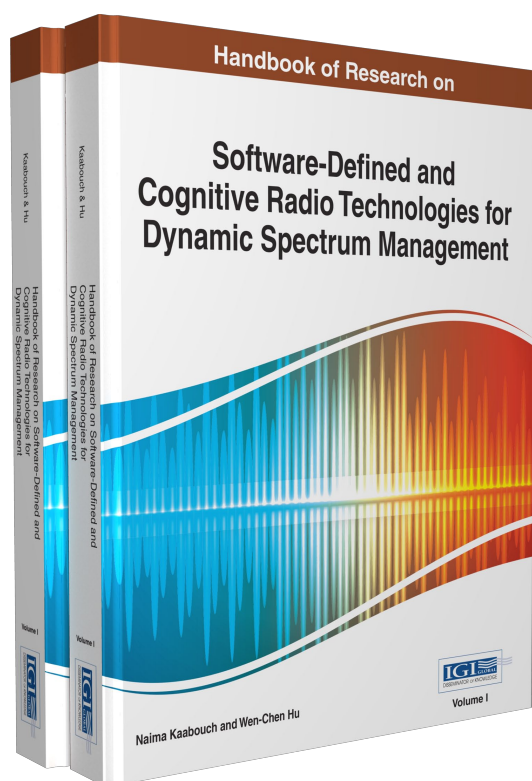


An Excellent Addition to Your Library!

Released: October 2014

Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management (2 Vols.)



Part of the Advances in Wireless Technologies and Telecommunication Book Series

Naima Kaabouch (University of North Dakota, USA) and
Wen-Chen Hu (University of North Dakota, USA)

The inadequate use of wireless spectrum resources has recently motivated researchers and practitioners to look for new ways to improve resource efficiency. As a result, new cognitive radio technologies have been proposed as an effective solution.

The **Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management** examines the emerging technologies being used to overcome radio spectrum scarcity. Providing timely and comprehensive coverage on topics pertaining to channel estimation, spectrum sensing, communication security, frequency hopping, and smart antennas, this research work is essential for use by educators, industrialists, and graduate students, as well as academicians researching in the field.

Topics Covered:

- Channel Allocation
- Channel Reservation
- Cognitive Radio
- Microelectromechanical Systems
- Modulations Techniques
- Predictive Models

ISBN: 978146665712; © 2015; 800 pp.

Print: US \$505.00 | Perpetual: US \$760.00

Print + Perpetual: US \$1,010.00

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.

Naima Kaabouch received her B.S., M.S., and Ph.D. all in Electrical Engineering from the University of Paris 11 and the University of Paris 6, Paris, France, in 1982, 1986, 1990, respectively. She is currently an Assistant Professor, in the Department of Electrical Engineering, University of North Dakota. Dr. Kaabouch research interests include configurable computing, real time systems, and signal/image processing. She published over 80 articles on refereed journal, proceedings, and books. In green computing field, she is the co-edited two books. In teaching, she developed and taught several courses in the field of configurable computing and real time systems involving microcontrollers and Field Programmable Gate Array devices-based devices.

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: _____