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Titolo	Multiband integrated antennas for 4G terminals // David A. Sanchez-Hernandez, editor
Pubbl/distr/stampa	Boston : , : Artech House, , ©2008 [Piscataway, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	1-59693-332-1
Descrizione fisica	1 online resource (336 p.)
Collana	Artech House antennas and propagation series
Altri autori (Persone)	Sanchez-HernandezDavid A
Disciplina	004.6 22 621.3824 621.384135
Soggetti	Antennas (Electronics) Wireless communication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Electrically small multiband antennas -- Multiband multisystem antennas in handsets -- Multiband planar wire antennas -- Printed multiband fractal antennas -- Miniaturized integrated multiband antennas -- Multiband handset antennas for MIMO systems -- Communication performance of mobile devices.
Sommario/riassunto	Get the very latest details on the cutting-edge antennas that will be integrated in complex 4th generation wireless communications systems with this first-of-its-kind volume. Written by a panel of leading experts in the field, the book serves as a comprehensive, one-stop resource, including in-depth coverage of multiband integrated antenna design, simulation, testing and manufacturing. This practical book helps you solve integration problems for ever-increasing multiband requirements. You find discussions on important considerations regarding future handset MIMO terminals, such as efficiency and the effect of the user. The book also shows you how to avoid tweaking for fractal multiband designs and printed dipole design. Moreover, you learn how to identify and choose suitable multiband techniques for a particular MIMO handset. Supported with over 100 illustrations, this forward-looking resource presents the most recent design developments in the field, so

you don't need to spend valuable time searching through scattered journal articles for the details you need

2. Record Nr.	UNINA9910140800703321
Titolo	2010 IEEE International Conference on Fuzzy Systems
Pubbl/distr/stampa	[Place of publication not identified], : I E E E, 2010
ISBN	9781424469215 142446921X
Descrizione fisica	1 online resource : illustrations
Disciplina	003.7
Soggetti	Fuzzy systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Sommario/riassunto	<p>The effect of advances in the fields of ubiquitous computing, wireless communications and embedded system design has seen a corresponding rapid improvement of wireless sensor technology. Sensor networks have emerged as a platform for deployment and sustenance of critical applications that require real-time sensing and data acquisition for decision-making purposes. A significant number of malicious attacks against the security of such networks have been identified in recent times. Considering the untrusted environments of operations of such networks, the threat of distributed attacks against constrained sensory resources i.e. sensor power, computation and communication capabilities cannot be overlooked. In this paper, we propose a fuzzy logic-based approach towards achieving demarkation in the values of specific parameters of an attack detection scheme for detecting distributed node-exhaustion attacks in wireless sensor networks. Using the Unified And-Or (UAO) aggregation operator, we model and formulate a mechanism to achieve a tradeoff between frequent attack detection and sensor node energy utilization. Simulation results prove the effectiveness of our approach in</p>

addressing the issue of computing the optimal parameter values for achieving a reasonable tradeoff between attack detection rate and sensor node energy utilization rate.

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