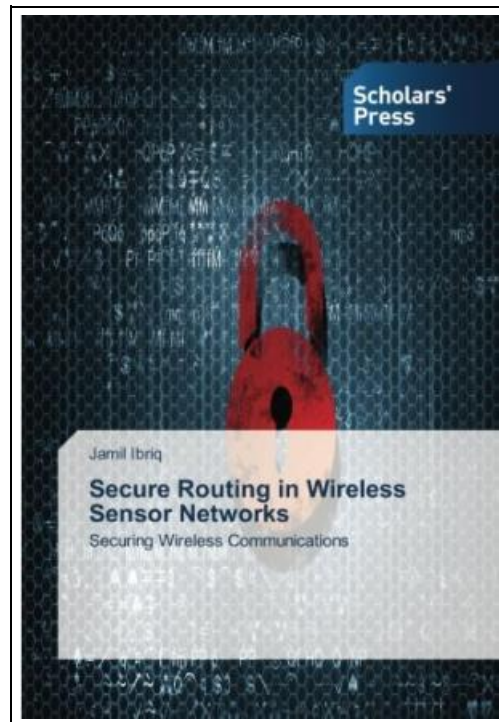


Secure Routing in Wireless Sensor Networks



Filesize: 9.6 MB

Reviews

A must buy book if you need to adding benefit. Better then never, though i am quite late in start reading this one. I am very happy to inform you that this is basically the very best book we have study during my own life and could be he finest ebook for possibly.
(Rodger Hane)

SECURE ROUTING IN WIRELESS SENSOR NETWORKS



SPS Okt 2013, 2013. Taschenbuch. Condition: Neu. Neuware - This research addresses communication security in wireless sensor networks by developing the Hierarchical Key Establishment Scheme (HIKES) which provides these networks with the basic security requirements and evaluating its effectiveness by implementing on an a routing platform. HIKES allows the central authority to empower sensors to issue secrets keys to local sensors for their communications. HIKES uses a novel key escrow scheme that enables any sensor node to represent the central authority to generate all the secret keys and authenticate other sensors. HIKES localizes secret key issuance, thereby reducing the communication overhead. The key escrow scheme provides HIKES with a large a addressing mechanism. HIKES also provides source and data authentication, and is robust against most known attacks. A hierarchical routing mechanism called Secure Hierarchical Energy-Efficient Routing protocol (SHEER) that implements HIKES is proposed. Simulations have shown that HIKES provides an energy-efficient and scalable solution to the key management problem. HIKES also has low storage, and high address flexibility. Simulations show that SHEER is energy-efficient and is scalable. 104 pp. Englisch.



[Read Secure Routing in Wireless Sensor Networks Online](#)



[Download PDF Secure Routing in Wireless Sensor Networks](#)

Relevant eBooks



Arsenic Removal Technologies from ground water

LAP Lambert Academic Publishing Jan 2013, 2013. Taschenbuch. Condition: Neu. Neuware - Ground water is one of the main sources of drinking water especially in rural areas of India. Groundwater is generally regarded as safe to...

[Read](#) [Book](#)

»



Design and Development of Low Cost Adsorbents

LAP Lambert Academic Publishing Nov 2013, 2013. Taschenbuch. Condition: Neu. Neuware - Clean and pure water is one of the implicit requisites for a healthy human population. However the growing industrialization and extensive use of...

[Read](#) [Book](#)

»



Modeling of Evanescent wave Optical Fiber Biosensor

LAP Lambert Acad. Publ. Mrz 2011, 2011. Taschenbuch. Condition: Neu. Neuware - Biomedical electronics and instruments, equipment, diagnostic & detection tools success based on the success of high sensitive biosensors invention and development. Biosensors are...

[Read](#) [Book](#)

»



Intermediate Accounting (IFRS) Volume 1

LAP Lambert Academic Publishing Nov 2018, 2018. Taschenbuch. Condition: Neu. Neuware - This book focuses on the second stage of financial accounting, which is the intermediate accounting. The first part deals with the problems and...

[Read](#) [Book](#)

»



Game Theory : A Very Short Introduction

Oxford University Press Nov 2007, 2007. Taschenbuch. Condition: Neu. Neuware - Games are everywhere: Drivers manoeuvring in heavy traffic are playing a driving game. Bargain hunters bidding on eBay are playing an auctioning game. A...

[Read](#) [Book](#)

»