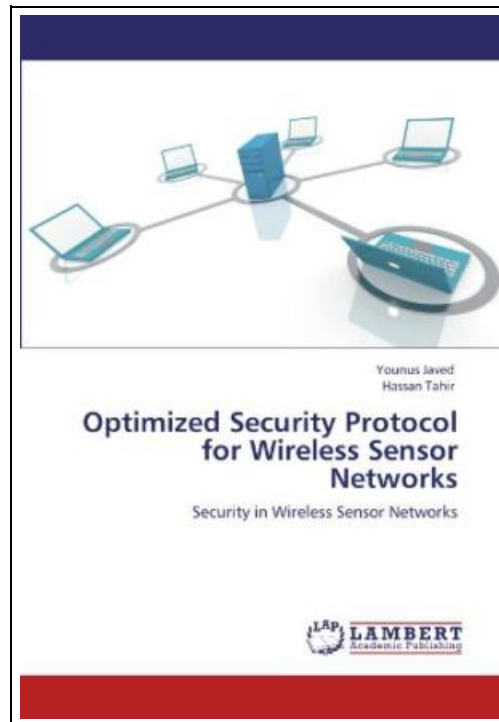


Optimized Security Protocol for Wireless Sensor Networks



Filesize: 2.28 MB

Reviews

*Thorough information! Its this kind of very good read. It is writter in basic words and not hard to understand. You wont feel monotony at anytime of your respective time (that's what catalogues are for regarding should you question me).
(Roel Bogisich Sr.)*

OPTIMIZED SECURITY PROTOCOL FOR WIRELESS SENSOR NETWORKS

[DOWNLOAD](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Security in Wireless Sensor Networks | Wireless Sensor Networks (WSN) are difficult to deploy. Limited energy, bandwidth, hardware and lack of security make WSN implementation difficult. Conventional security mechanisms cannot be applied because of the inherent processing and communicational constraints that exist in WSN. This book focuses on the design, implementation and analysis of an Optimized Security Protocol (OSP) that fulfills the requirements of confidentiality, authentication and integrity in WSN. OSP fulfills requirements of high level security without compromising resources. OSP architecture is based on the further optimization of computations in the Rabbit stream cipher and reduction in communication overhead to save sensor's life time. The OSP has been implemented using power of TinyOS coupled with NesC. In order to evaluate the system, several experiments have been carried out with respect to encryption/ decryption of various data blocks. Evaluation of OSP has been done by conducting a comprehensive efficiency analysis of the OSP architecture. Furthermore, the results of execution time and memory footprint for OSP have been compared to its cryptographic counterparts. | Format: Paperback | Language/Sprache: english | 80 pp.

[Read Optimized Security Protocol for Wireless Sensor Networks Online](#)[Download PDF Optimized Security Protocol for Wireless Sensor Networks](#)

Related eBooks

**Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values**

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

[Download Book »](#)

**On Your Case: A Comprehensive, Compassionate (and Only Slightly Bossy) Legal Guide for Every Stage of a Woman s Life**

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 132 mm. Language: English . Brand New Book. Compelling. . . . A must-read for all women. Lee Woodruff, New York Times...

[Download Book »](#)

**On Your Case: A Comprehensive, Compassionate (and Only Slightly Bossy) Legal Guide for Every Stage of a Woman s Life (Hardback)**

HarperCollins Publishers Inc, United States, 2015. Hardback. Book Condition: New. 229 x 157 mm. Language: English . Brand New Book. Compelling. . . . A must-read for all women. Lee Woodruff, New York Times bestselling...

[Download Book »](#)

**Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time**

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.You have the power, Dad, to influence and educate your child. You can...

[Download Book »](#)

**My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests**

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts...

[Download Book »](#)