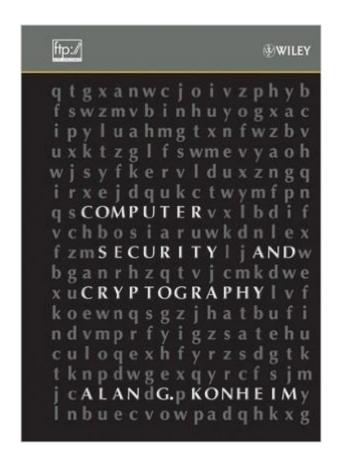
The book was found

Computer Security And Cryptography





Synopsis

Gain the skills and knowledge needed to create effective data security systems This book updates readers with all the tools, techniques, and concepts needed to understand and implement data security systems. It presents a wide range of topics for a thorough understanding of the factors that affect the efficiency of secrecy, authentication, and digital signature schema. Most importantly, readers gain hands-on experience in cryptanalysis and learn how to create effective cryptographic systems. The author contributed to the design and analysis of the Data Encryption Standard (DES), a widely used symmetric-key encryption algorithm. His recommendations are based on firsthand experience of what does and does not work. Thorough in its coverage, the book starts with a discussion of the history of cryptography, including a description of the basic encryption systems and many of the cipher systems used in the twentieth century. The author then discusses the theory of symmetric- and public-key cryptography. Readers not only discover what cryptography can do to protect sensitive data, but also learn the practical limitations of the technology. The book ends with two chapters that explore a wide range of cryptography applications. Three basic types of chapters are featured to facilitate learning: Chapters that develop technical skills Chapters that describe a cryptosystem and present a method of analysis Chapters that describe a cryptosystem, present a method of analysis, and provide problems to test your grasp of the material and your ability to implement practical solutions. With consumers becoming increasingly wary of identity theft and companies struggling to develop safe, secure systems, this book is essential reading for professionals in e-commerce and information technology. Written by a professor who teaches cryptography, it is also ideal for students.

Book Information

Hardcover: 544 pages

Publisher: Wiley-Interscience; 1 edition (January 29, 2007)

Language: English

ISBN-10: 0471947830

ISBN-13: 978-0471947837

Product Dimensions: 7.2 x 1.3 x 10.3 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #527,559 in Books (See Top 100 in Books) #122 in Books > Computers &

Technology > Certification > CompTIA #136 in Books > Computers & Technology > Security &

Encryption > Encryption #144 in Books > Computers & Technology > Security & Encryption > Cryptography

Download to continue reading...

Social Security & Medicare Facts 2016: Social Security Coverage, Maximization Strategies for Social Security Benefits, Medicare/Medicaid, Social Security Taxes, Retirement & Disability, Ser Computer Security and Cryptography Hacking: Computer Hacking: The Essential Hacking Guide for Beginners, Everything You need to know about Hacking, Computer Hacking, and Security ... Bugs, Security Breach, how to hack) Cryptography and Network Security: Principles and Practice (3rd Edition) Cryptography and Network Security: Principles and Practice (2nd Edition) Cryptography and Lattices: International Conference, CaLC 2001, Providence, RI, USA, March 29-30, 2001. Revised Papers (Lecture Notes in Computer Science) The Myths of Security: What the Computer Security Industry Doesn't Want You to Know Digital Logic Design and Computer Organization with Computer Architecture for Security Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) RSA and Public-Key Cryptography (Discrete Mathematics and Its Applications) Cryptography and Coding (The Institute of Mathematics and its Applications Conference Series, New Series) An Introduction to Cryptography (Discrete Mathematics and Its Applications) Understanding Bitcoin: Cryptography, Engineering and Economics (The Wiley Finance Series) Break the Code: Cryptography for Beginners (Dover Children's Activity Books) Introduction to Cryptography with Coding Theory Foundations of Cryptography: Volume 1, Basic Tools Foundations of Cryptography: Volume 2, Basic Applications Foundations of Cryptography: Volume 1, Basic Tools (Vol 1) An Introduction to Mathematical Cryptography (Undergraduate Texts in Mathematics)

<u>Dmca</u>