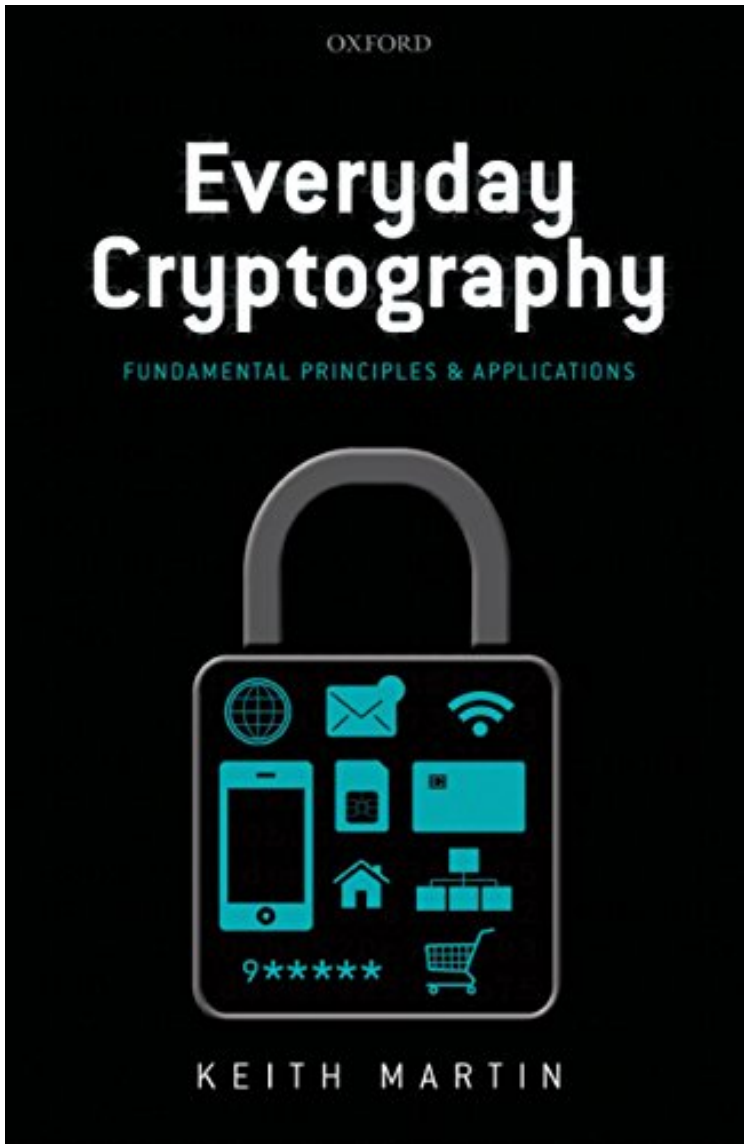


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Everyday Cryptography: Fundamental Principles and Applications



Par Keith M. Martin
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Description :

Prsentation de l'diteurCryptography is a vital technology that underpins the security of information in computer networks. This book presents a comprehensive introduction to the role that cryptography plays in providing information security for technologies such as the Internet, mobile phones, payment cards, and wireless local area networks. Focusing on the fundamental principles that ground modern cryptography as they arise in modern applications, it avoids both an over-reliance ontransient current technologies and overwhelming theoretical research.Everyday Cryptography is a self-contained and widely accessible introductory

text. Almost no prior knowledge of mathematics is required since the book deliberately avoids the details of the mathematical techniques underpinning cryptographic mechanisms, though a short appendix is included for those looking for a deeper appreciation of some of the concepts involved. By the end of this book, the reader will not only be able to understand the practical issues concerned with the deployment of cryptographic mechanisms, including the management of cryptographic keys, but will also be able to interpret future developments in this fascinating and increasingly important area of technology.

Revue de presse Overall, this book is a good nontechnical introduction to cryptography. The author covers essential topics, presents the ideas clearly, and provides problems for further explorations and a good bibliography of other sources. (MAA) It is a very leisurely reading, well-structured and very detailed. It does not assume any mathematical knowledge, making it suitable for being used as a manual for a course on introduction to cryptography. (Vicente Muoz, the European Mathematical Society) On a page per page basis it actually represents great value, and should achieve a long shelf life as both textbook and good reference source. In terms of a score; for students a 9.5, practitioners 8.5 and general interest readers 8.5, giving an overall average of 9/10. Overall, an excellent book. (Mike Rees MBCS CITP, The British Computer Society) Everyday Cryptography: Fundamental Principles and Applications is an excellent reference. (Jawa Eyes) Presentation de l'auteur Cryptography is a vital technology that underpins the security of information in computer networks. This book presents a comprehensive introduction to the role that cryptography plays in providing information security for technologies such as the Internet, mobile phones, payment cards, and wireless local area networks. Focusing on the fundamental principles that ground modern cryptography as they arise in modern applications, it avoids both an over-reliance on transient current technologies and overwhelming theoretical research. Everyday Cryptography is a self-contained and widely accessible introductory text. Almost no prior knowledge of mathematics is required since the book deliberately avoids the details of the mathematical techniques underpinning cryptographic mechanisms, though a short appendix is included for those looking for a deeper appreciation of some of the concepts involved. By the end of this book, the reader will not only be able to understand the practical issues concerned with the deployment of cryptographic mechanisms, including the management of cryptographic keys, but will also be able to interpret future developments in this fascinating and increasingly important area of technology.