Hardware-based Computer Security Techniques to Defeat Hackers
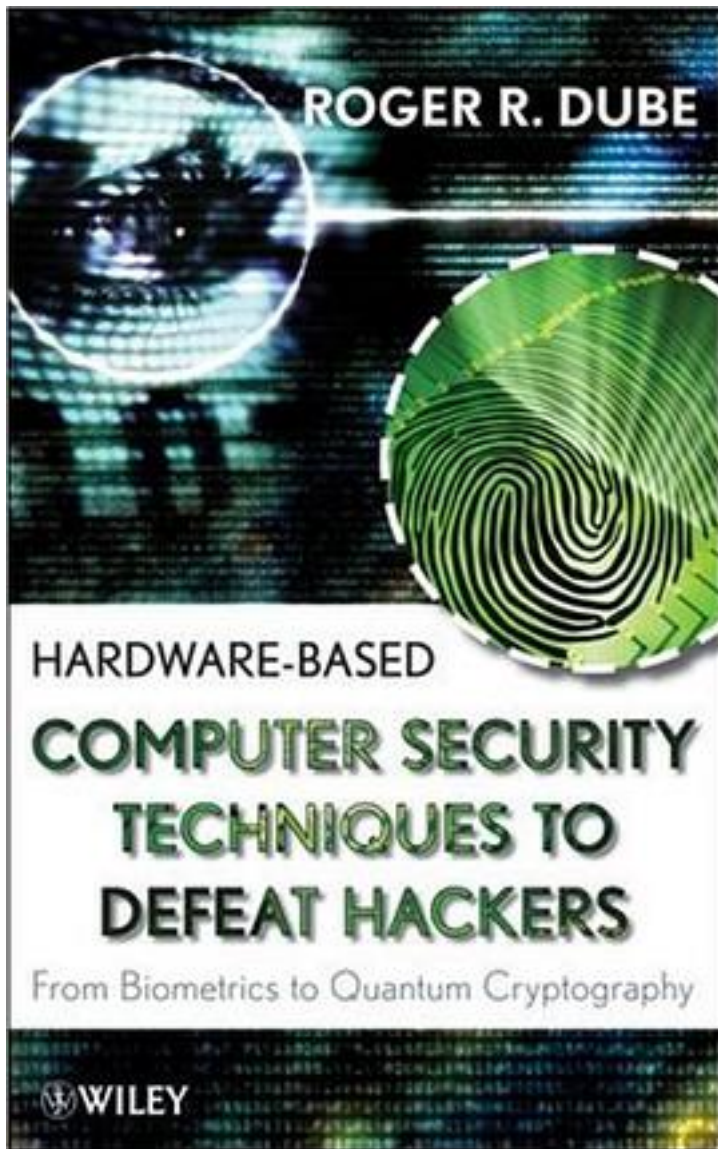

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装帧:

Presents primary hardware-based computer security approaches in an easy-to-read toolbox format Protecting valuable personal information against theft is a mission-critical component of today's electronic business community. In an effort to combat this serious and growing problem, the Intelligence and Defense communities have successfully employed the use of hardware-based security devices. This book provides a road map of the hardware-based security devices that can defeat—and prevent—attacks by hackers. Beginning with an overview of the basic elements of computer security, the book covers: Cryptography Key generation and distribution The qualities of security solutions Secure co-processors Secure bootstrap loading Secure memory management and trusted execution technology Trusted Platform Module (TPM) Field Programmable Gate Arrays (FPGAs) Hardware-based authentification Biometrics Tokens Location technologies Hardware-Based Computer Security Techniques to Defeat Hackers includes a chapter devoted entirely to showing readers how they can implement the strategies and technologies discussed. Finally, it concludes with two examples of security systems put into practice. The information and critical analysis techniques provided in this user-friendly book are invaluable for a range of professionals, including IT personnel, computer engineers, computer security specialists, electrical engineers, software engineers, and industry analysts.

作者介绍:

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标签

技术

安全

评论

随机数那一章比较长见识，其他的都是普普通通，讲一些平淡无奇的东西，没有出彩的地方。

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书评