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Nota di contenuto	Front Cover; Contents; Preface; Acknowledgments; 1. Introduction; I. Practical Cryptography Primitives; 2. Pseudorandom Sequence Generators; 3. Design of Stream Ciphers; 4. Design of Block Ciphers, Hash Functions, and MAC; 5. Public-Key Cryptographic Algorithms; II. Security Mechanisms and Protocols; 6. Security Infrastructure; 7. Establish Protected Communications; 8. Network Security Protocols; III. Wireless Security; 9. Network Access Authentication; 10. Wireless Network Security; 11. Security for Mobility; 12. Broadcast and Multicast Key Distribution and Authentication IV. System Security13. Trusted Platform; 14. Physical-Layer Security; 15. Spread-Spectrum Techniques for Anti-Jamming-Attacks; APPENDICES; A. Computations in Finite Fields; B. Some Mathematical Formulae; C. Signals and Spectra in Physical Layer
Sommario/riassunto	Helping current and future system designers take a more productive approach in the field, Communication System Security shows how to apply security principles to state-of-the-art communication systems. The authors use previous design failures and security flaws to explain common pitfalls in security design.