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Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Security Design -- Chapter 3. Authentication -- Chapter 4. Authorization -- Chapter 5. Cryptography -- Chapter 6. Virtualization -- Chapter 7. Security principles -- Chapter 8. Malware -- Chapter 9. SQL Injection -- Chapter 10. DoS -- Chapter 11. Worms -- Chapter 12. Virus -- Chapter 13. Malicious Code -- Chapter 14. Intrusion Detection Systems -- Chapter 15. Vulnerability -- Chapter 16. Cyber Laws -- Chapter 17. Cyber Crime -- Chapter 18. Homeland Security -- Chapter 19. Cryptocurrency -- Chapter 20. BitCoin -- Chapter 21. Block chain -- Chapter 22. Phishing -- Chapter 23. Spoofing -- Chapter 24. Cyber War -- Chapter 25. Hacktivism -- Chapter 26. Distributed Denial of Service (DDoS) -- Chapter 27. Identity Fraud -- Chapter 28. Honeypot -- Chapter 29. Keylogging -- Chapter 30. Scareware -- Chapter 31. Spam -- Chapter 32. Sponsored Attacks -- Chapter 33. Sneakernet -- Chapter 34.

Virtual Militray Technologies -- Chapter 35. Zero Day -- Chapter 36. Intrusion prevention system (IPS) -- Chapter 37. Macro virus -- Chapter 38. Wannacry -- Chapter 39. Conclusion.

Sommario/riassunto

This book contains research contributions from leading cyber security scholars from around the world. The authors provide comprehensive coverage of various cyber security topics, while highlighting recent trends. The book also contains a compendium of definitions and explanations of concepts, processes, acronyms, and comprehensive references on existing literature and research on cyber security and analytics, information sciences, decision systems, digital forensics, and related fields. As a whole, the book is a solid reference for dynamic and innovative research in the field, with a focus on design and development of future-ready cyber security measures. Topics include defenses against ransomware, phishing, malware, botnets, insider threats, and many others. Focuses on current theory, research, and results on cyber security and analytics Presents a variety of practical applications of cyber security measures Chapters written by globalcyber security experts.