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Nota di contenuto	Front cover; Contents; Preface; Authors; Chapter 1. Introduction; Chapter 2. A Brief Theory of Terrorism and Technology; Chapter 3. Group Psychology of Terrorism; Chapter 4. Aerosols: Fundamentals; Chapter 5. Biological Terrorism: Effects, Toxicity, and Effectiveness; Chapter 6. Biological Terrorism: Classification and Manufacture; Chapter 7. Biological Terrorism: Weaponization and Delivery Systems; Chapter 8. Biological Terrorism: Sensors and Detection Systems; Chapter 9. Biological Terrorism: Consequences and Medical Preparedness Chapter 10. Biological Terrorism: Preparation for Response-What the Government Can Do in Defending the HomelandChapter 11. Agroterrorism: Agroeconomic Bioterrorism; Chapter 12. Agroterrorism: Attributes and Implications of High-Impact Targets in U.S. Agriculture; Chapter 13. Nuclear Terrorism: Nature of Radiation; Chapter 14. Nuclear Terrorism: Radiation Detection; Chapter 15. Nuclear Terrorism: Radiation Detectors-Applications in Homeland Security; Chapter 16.

Nuclear Terrorism: Dose and Biological Effects; Chapter 17. Nuclear Terrorism: Nuclear Weapons  
Chapter 18. Nuclear Terrorism: Threats and Countermeasures  
Chapter 19. Chemical Terrorism: Classification, Synthesis, and Properties;  
Chapter 20. Chemical Terrorism: Toxicity, Medical Management, and Mitigation; Chapter 21. Chemical Terrorism: Destruction and Decontamination; Chapter 22. Chemical Terrorism: Sensors and Detection Systems; Chapter 23. Chemical Terrorism: Weaponization and Delivery System; Chapter 24. Chemical Terrorisms: Threats and Countermeasures; Chapter 25. Cyber-Terrorism; Chapter 26. Personal Protective Equipment; Chapter 27. National Response Plan and Preparedness  
Chapter 28. Government and Voluntary Agencies  
Chapter 29. The National Infrastructure Protection Plan; Index; Back cover

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Sommario/riassunto

Traditionally, resources on terrorism and counterterrorism tend to focus on the social, behavioral, and legal aspects of the subject, with minimal emphasis on the scientific and technological aspects. Taking into account these practical considerations, the second edition of Science and Technology of Terrorism and Counterterrorism discusses the nature of terrorism and the materials used by terrorists. It describes how intelligence professionals and law enforcement personnel can detect and destroy these materials, and how they can deal with terrorist groups. This

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