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Nota di contenuto	Title Page; Copyright Page; Contents; Chapter 1 Introduction to Security Risk Assessment and Management; Introduction; Business Definition; Security Versus Risk; Framework for Risk Management; Value at Risk; Calculation of Risk; Risk Assessment Versus Risk Management; Risk Management Plans; Threat Scenarios; Statistics and Mathematics; Pairing Vulnerability and Threat Data; Setting Priorities; Other Definitions of Risk Assessment; Business Definition for Risk Assessment; Broad Definition for Risk Assessment; Quantitative Risk Assessment; Qualitative Risk Assessment; Threats; Vulnerabilities Countermeasures for VulnerabilitiesThe D's of security systems; Sample Threat Scenario No. 1; Background; Sample Threat Scenario No. 2; Background; Notes; Chapter 2 Risk Assessment Basics; Street Calculus and Perceived Risk; Street Calculus; Security Risk Assessment Structure; Value at Risk; Sandia Laboratory's Risk Assessment Analysis; Annualized Cost Analysis of Risk; Scenario-driven Cost Risk Analysis; Real-world example; Model-Based Risk Analysis; MBRA example case;

Risk Management by Fault Tree Methods and Risk-informed Decision Management; Fault tree analysis; RIDM; Notes
Chapter 3 Assessing Types of Attacks and Threats with Data Sources Weapons; AK-47; M16; Sniper rifles; Muzzle Energies for Various Cartridges; Rifle Grenades; Rocket-Propelled Grenades and Mortars; Explosive Energies; Impact of explosives; Other Types of Incidents and Accidents; Notes; Chapter 4 Evaluating a Company's Protective Systems; Surveys and Assessments; Site Security Assessments; Checklists; Cyber security checklist; Lighting; Perimeter Barriers: Design Notes and Comments; CCTV; Windows and Doors; Notes; Chapter 5 Port Security; Ranking Threats; Natural threats Man-made/accidental threats Intentional acts-delivery vectors; Weapon threats; Levels of Port Security; Security response plans; Recommended procedures; Identification Procedures for Personnel Screening; Employees; Vendors/contractors/vessel pilots; Truck drivers/passengers; Visitors (all personnel not falling into other categories); Government employees; Vessel personnel access through a facility; Search requirements; Acceptable identification; Access control; Vessel Arrival and Security Procedures While Moored; Internal Security; Vehicle control; Rail security; Key/ID/access card control Computer security Security rounds; Perimeter Security and Restricted Areas; Barriers; Fencing; Lighting; Security Alarms/Video Surveillance/Communications Systems; Alarms; Video surveillance; Communications systems; Training and Security Awareness; Floating Barriers; Notes; Chapter 6 Basics of Cyber security; Communications Life Cycle; Some Solutions to the Problem of Cyber crime; General recommendations; Communications Security; Communications as Transactions; Telephone System Security; Radio Communications; Digital Communications; Cyber security; Vulnerability assessment Unknowns and alternatives

Sommario/riassunto

"Serves as a comprehensive, yet concise, reference guide and discusses a broad range of physical safety, security measures, and risk management"--
