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Nota di contenuto	Title Page; Copyright Page; Contents; ContributorS List; Foreword; Preface; Chapter 1 Introduction; 1.1 OVERVIEW; 1.2 MAJOR TERRORIST ATTACKS TARGETING TRANSPORTATION SYSTEMS; 1.3 THE ROLE OF TRANSPORTATION IN EVACUATION; 1.4 MARKET FAILURE LEADING TO A NEW MODEL OF PPP; 1.5 SECURITY STRATEGY; 1.6 BOOK STRUCTURE AND CHAPTERS; 1.7 CONCLUSION: RESOURCE ALLOCATION AND POLICY IMPLICATION; REFERENCES; Section I Motivation and Challenges; Chapter 2 Terrorist Targeting of Public Transportation: Ideology and Tactics; 2.1 BACKGROUND; 2.2 THE HISTORY OF TERRORIST-MOTIVATED HIJACKING 2.3 ISLAMIC JUSTIFICATION FOR ATTACKS ON MASS TRANSPORTATION 2.4 CONCLUSION; REFERENCE; FURTHER READING; Chapter 3 On the Rationality and Optimality of Transportation Networks Defense: A Network Centrality Approach; 3.1 INTRODUCTION; 3.2 RELATED WORK; 3.3 TRANSPORTATION NETWORK DATASET; 3.4 BC

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Chapter 6 Securing Transportation Systems from Radiological Threats  
6.1 THE THREAT; 6.2 RADIATION SOURCES AND THEIR DETECTION; 6.3 RADIATION THREAT SCENARIOS; 6.4 POLICY AND INTELLIGENCE; 6.5 TECHNOLOGY AND ASSOCIATED CONOPS; 6.6 SUMMARY AND CONCLUSIONS; REFERENCES; Chapter 7 Protecting Transportation Infrastructure against Radiological Threat; 7.1 INTRODUCTION; 7.2 EXPERIMENTAL SETUP AND RESULTS; 7.3 DISCUSSION AND CONCLUSIONS; 7.4 SUMMARY; REFERENCES; Section II Security Consideration for Modes of Transportation; Chapter 8 Securing Public Transit Systems  
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10.2 RESEARCH METHOD

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Sommario/riassunto

"This book focuses on how to protect our transportation systems including airports and airlines, water ports, highways, tunnels and bridges, rail and mass transit, and how to better plan evacuation when severe disasters occur. These infrastructures may face various threats, namely biological, chemical, nuclear (dirty bombs), cyber, and natural disaster. The book presents the "State of the Art" efforts to improve technological and managerial security measures against terrorism as well as during and after natural disasters"--Provided by publisher.

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