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Nota di contenuto	Cover; Preface; Contents; Figures; Tables; Summary; Acknowledgments; Abbreviations; Chapter One - Introduction; Background; Objectives and Scope; Approach; Outline of Book; Chapter Two - What Are the Key Rail-Attack Threats and Their Consequences?; Introduction; Weapons and Tactics Used Against Rail Systems; The Targets of Terrorist Attacks in Rail Systems; Outcomes of Past Terrorist Attacks on Rail Systems; Lessons from the Threat Assessment; Chapter Three - Qualitative Risk Assessment for a Notional Passenger-Rail System; Introduction; Laying Out a Notional Rail System Determining Attack Scenarios Qualitatively Assessing Terrorism Risk; Chapter Four - Baseline Security and Operational Characteristics of the Notional Rail System; Introduction; Defining the Baseline Security Measures; Notional Rail System Description; Defining Security Layers for the Notional Rail System; Chapter Five - Cost-Effectiveness Assessment of Security-Improvement Options for the Notional Rail System; Introduction; Assessment-Process Overview; Characterizing and Estimating Costs of Security-Improvement Options; Perimeter-Layer Cost-Effectiveness Assessment Process Limitations on Using the Analytical Assessment Process Chapter Six - Rail-Security Policy Considerations; Rail-Security Lessons at the System Level; The Future of Rail Security; Rail Security Versus the Security of Everything Else; Conclusions; Appendix A - Qualitative Risk Assessment

Sommario/riassunto

U.S. communities depend on reliable, safe, and secure rail systems. Each weekday, more than 12 million passengers take to U.S. railways. Recent attacks on passenger-rail systems around the world highlight the vulnerability of rail travel and the importance of rail security for these passengers. The use of passenger rail and the frequency with which terrorists target it call for a commitment to analyzing and improving rail security in the United States. This book explains a framework for security planners and policymakers to use to guide cost-effective rail-security planning.
