

The security of critical infrastructures

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Note sur le contenu : The Security of Critical Infrastructures: Introduction and Overview Part I: Risk Part II: Resilience Part III: Defense

Résumé ou extrait : La 4e de couv. Indique : "This book analyzes the security of critical infrastructures such as road, rail, water, health, and electricity networks that are vital for a nations society and economy, and assesses the resilience of these networks to intentional attacks. The book combines the analytical capabilities of experts in operations research and management, economics, risk analysis, and defense management, and presents graph theoretical analysis, advanced statistics, and applied modeling methods. In many chapters, the authors provide reproducible code that is available from the publishers website. Lastly, the book identifies and discusses implications for risk assessment, policy, and insurability. The insights it offers are globally applicable, and not limited to particular locations, countries or contexts. Researchers, intelligence analysts, homeland security staff, and professionals who operate critical

infrastructures will greatly benefit from the methods, models and findings presented. While each of the twelve chapters is self-contained, taken together they provide a sound basis for informed decision-making and more effective operations, policy, and defense."

Sujet - Nom commun : Infrastructure (économie politique) -- Mesures de sûreté

Réseaux (aménagement du territoire) -- Mesures de sûreté

Évaluation du risque

Sécurité nationale

Protection civile