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Nota di contenuto	Security Challenges for Cooperative and Interconnected Mobility Systems -- Study of In-Data Centre Backup Offices for Banks -- Protecting a Federated Database Infrastructure against Denial-of-Service Attacks -- Minimizing the Impact of In-band Jamming Attacks in WDM Optical Networks -- The Role of Critical Infrastructures' Interdependencies on the Impacts Caused by Natural -- Analysis of Severe Space Weather on Critical Infrastructures -- A Plug and Play, Approximation-Based, Selective Load Shedding Mechanism for the Future Electrical Grid -- A Framework for Risk Analysis in Smart Grid: Perspective Based Approach -- Physical Attestation of Cyber Processes in the Smart Grid -- QSec: Supporting Security Decisions on an IT Infrastructure -- Structural Controllability of Networks for Non-interactive Adversarial Vertex Removal -- Real Time Threat Prediction, Identification and Mitigation for Critical Infrastructure Protection Using Semantics, Event Processing and Sequential Analysis -- Determining

Risks from Advanced Multi-step Attacks to Critical Information Infrastructures -- On the Feasibility of Device Fingerprinting in Industrial Control Systems -- Bridging Dolev-Yao Adversaries and Control Systems with Time-Sensitive Channels -- An Indoor Contaminant Sensor Placement Toolbox for Critical Infrastructure Buildings -- Optimization Models in a Smart Tool for the Railway Infrastructure Protection -- Towards Automatic Critical Infrastructure Protection through Machine Learning -- Using NATO Labelling to Support Controlled Information Sharing between Partners -- A Framework for Privacy Protection and Usage Control of Personal Data in a Smart City Scenario.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the 8th International Workshop on Critical Information Infrastructures Security, CRITIS 2013, held in Amsterdam, The Netherlands, in September 2013. The 16 revised full papers and 4 short papers were thoroughly reviewed and selected from 57 submissions. The papers are structured in the following topical sections: new challenges, natural disasters, smart grids, threats and risk, and SCADA/ICS and sensors.
