1. Record Nr. UNISA996465800803316

Titolo	Critical Information Infrastructures Security [[electronic resource]] : 4th International Workshop, CRITIS 2009, Bonn, Germany, September 30 - October 2, 2009, Revised Papers / / edited by Erich Rome, Robin Bloomfield
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38793-9 9786613565853 3-642-14379-2
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XII, 213 p. 70 illus.)
Collana	Security and Cryptology ; ; 6027
Disciplina	005.8
Soggetti	Computer communication systems Computer software—Reusability Computers Management information systems Computer science Data encryption (Computer science) Special purpose computers Computer Communication Networks Performance and Reliability Theory of Computation Management of Computing and Information Systems Cryptology Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	On Modelling of Inter-dependent Network Infrastructures by Extended Leontief Models -- Critical Infrastructure Protection in Brazil - Threat Identification and Analysis -- Development of Information Security-Focused Incident Prevention Measures for Critical Information Infrastructure in Japan -- Design of a Mobile Agent-Based Adaptive

Communication Middleware for Federations of Critical Infrastructure Simulations -- An Alternate Topology Generator for Joint Study of Power Grids and Communication Networks -- Trouble Brewing: Using Observations of Invariant Behavior to Detect Malicious Agency in Distributed Control Systems -- Optimisation of Critical Infrastructure Protection: The SiVe Project on Airport Security -- Cyber-Critical Infrastructure Protection Using Real-Time Payload-Based Anomaly Detection -- Decision Aid Tool and Ontology-Based Reasoning for Critical Infrastructure Vulnerabilities and Threats Analysis -- Application Filters for TCP/IP Industrial Automation Protocols -- Web Browser Security Update Effectiveness -- State-Based Network Intrusion Detection Systems for SCADA Protocols: A Proof of Concept -- Towards Early Warning Systems – Challenges, Technologies and Architecture -- CII Protection - Lessons for Developing Countries: South Africa as a Case Study -- Energy Theft in the Advanced Metering Infrastructure -- Current Capabilities, Requirements and a Proposed Strategy for Interdependency Analysis in the UK -- Stochastic Modelling of the Effects of Interdependencies between Critical Infrastructure.