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| Nota di contenuto | Protection of Cyber-Physical Systems and Industrial Control Systems -- Root Cause Analysis of Software Aging in Critical Information Infrastructure -- Threat-driven Dynamic Security Policies for Cyber- Physical Infrastructures -- High Data Throughput Exfiltration through Video Cable Emanations -- Design and Justification of a Cybersecurity Assessment Framework for IoT-based Environments -- An Empirical Evaluation of 4.0 CNC Machines -- Dataset Report : LID-DS 2021 -- Analytics, Strategic Management -- Strategic Anticipation in Crisis Management through the Lens of Societal Values - The SANCTUM Project -- An Assessment Model for Prioritizing CVEs in CRITIS in the Context of Time and Fault Criticality -- Towards a Layer Model for Digital Sovereignty: A Holistic Approach -- Building Collaborative Cybersecurity for Critical Infrastructure Protection: Empirical Evidence of Collective Intelligence Information-Sharing Dynamics on ThreatFox -- Automatic Concrete Bridge Crack Detection from Strain Measurements: a Preliminary Study -- Mapping and Simulating Cyber- |

Physical Threats for Critical Infrastructures -- Identifying Residential Areas based on Open Source Data: a Multi Criteria Holistic Indicator to Optimize Resource Allocation During a Pandemic -- Security Awareness and Crisis Management for C(I)IP -- Modeling Hierarchical Structure of Effective Communication Factors in Cyber Incident Response -- Energy Security in the Context of Hybrid Threats: The Case of the European Natural Gas Network -- Cybersecurity in the German Railway Sector -- The Understanding of Vulnerability of Critical Infrastructure -- Is there a Relationship between Cybersecurity Level and Electricity Outages in Norway? -- Emerging Importance of Cybersecurity in Electric Power Sector as a Hub of Interoperable Critical Infrastructure Protection in the Greater Metropolitan Areas in Japan -- A Water Security Plan to Enhance Resilience of Drinking Water Systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 17th International Conference on Critical Information Infrastructures Security, CRITIS 2022, which took place in Munich, Germany, during September 14–16, 2022. The 16 full papers and 4 short papers included in this volume were carefully reviewed and selected from 26 submissions. They are organized in topical sections as follows: protection of cyber-physical systems and industrial control systems (ICS); C(I)IP organization, (strategic) management and legal aspects; human factor, security awareness and crisis management for C(I)IP and critical services; and future, TechWatch and forecast for C(I)IP and critical services.
