1. Record Nr. UNINA9910845095303321

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Titolo Critical Infrastructure Protection in the Light of the Armed Conflicts / / edited by Tünde Anna Kovács, Zoltán Nyikes, Tamás Berek, Norbert Daruka, László Tóth

Pubbl/distr/stampa Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024

ISBN 9783031479908
3031479904

Edizione [1st ed. 2024.]

Descrizione fisica 1 online resource (527 pages)

Collana Advanced Sciences and Technologies for Security Applications, , 2363-9466

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Disciplina 621

Soggetti Security systems
Cooperating objects (Computer systems)
Data protection
Security Science and Technology
Cyber-Physical Systems
Data and Information Security

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto 1. Intelligence and protection of key (critical) infrastructure objects -- 2. Examination of UV radiation during inert gas arc welding -- 3. Current legal challenges related to social networking sites -- 4. Cyber Threats to Consumers and Other Risks in the Field of E-commerce Security -- 5. Space Weather Effects on Critical Infrastructure -- 6. Exploring the Nexus Between Critical Infrastructure, Fragility and Peace Operations -- 7. Terrorist threats to African hospitals -- 8. Surface Modification of Metallic Materials using Laser and Plasma Technologies -- 9. Threats and Vulnerabilities in Web Applications and How to Avoid them -- 10. Managing climate change risks in critical infrastructure protection with examples from the European financial sector -- 11. Bionic Hand with Phalanx built-in servos -- 12. Review of the

Maintenance Strategies, and Failures in the Aspects of the Reliability.

Sommario/riassunto	This book summarizes the latest findings in critical infrastructure protection and related research areas. Armed conflicts and wars are now closer to Europe than at any time in the last several decades, and the protection of critical infrastructures has gained new prominence. This situation has also revealed the vulnerability of critical infrastructure and the importance of its protection. The development of technologies, cybertechnologies, and digitalization in all aspects of our daily lives implies new security challenges in critical infrastructure protection and security science and this book addresses the four main dimensions of critical infrastructure protection: 1. Physical protection 2. Cybersecurity 3. Political security 4. Individual security The issue of physical security has accompanied humanity since its birth. Nowadays, this issue has become even more important due to technological advances, as this is the security area that people physically experience—physical protection, including protection against explosions and ballistic attacks, but also defense of objects and guaranteeing transportation security. Cyberspace represents the fifth domain of warfare and a central security question in our age. The base of cyberspace defense is high-quality hardware and expert support. With our lives increasingly digital, cybersecurity's core elements include safety awareness and informatics. Political security, the third dimension, is shaped by diverse political ideologies influencing economies, societies, and other aspects of life. This book explores topics such as migration policies, defense against terrorism, national and international security, and public safety. The fourth dimension, individual security, spans healthcare, food safety, energy supplies, and economic security. Each chapter of this book emphasizes security, focusing on Central Europe while addressing global concerns. Authored by researchers, experts, and scholars, this book is invaluable for Ph.D. students, professionals, and educators worldwide.