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Collana	Advanced Sciences and Technologies for Security Applications, , 2363-9466
Disciplina	005.8
Soggetti	Data protection Computer crimes Artificial intelligence International criminal law Criminology Security systems Data and Information Security Cybercrime Artificial Intelligence International Criminal Law Crime Control and Security Security Science and Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Unravelling State Crimes: A Critical Analysis of the Iraq War and Its Global Ramifications -- 2. Assessing the Effectiveness of UK Counter-Terrorism Strategies and Alternative Approaches -- 3. Understanding and Assessing the Role of Women in Terrorism -- 4. Exploring the Current Landscape of Cyberterrorism: Insights, Strategies, and the Impact of COVID-19 -- 5. Exploring the Imminence of Cyberterrorism Threat to National Security -- 6. The Impact of Technology on

Radicalisation to Violent Extremism and Terrorism in Contemporary Security Landscape -- 7. Techniques in Countering Cyberterrorism Approaches with Those Adopted by State Adversaries -- 8. Analysing Ethical, Legal, Technical and Operational Challenges of the Application of Machine Learning in Countering Cyber Terrorism -- 9. Addressing Ethical, Legal, Technical, and Operational Challenges in Counterterrorism with Machine Learning: Recommendations and Strategies -- 10. The Dual Role of Artificial Intelligence in Online Disinformation: A Critical Analysis.

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#### Sommario/riassunto

This book represents an interdisciplinary academic endeavour intended to provide readers with a comprehensive, balanced, and nuanced examination of critical issues at the intersection of cyberspace, cyberterrorism, and national and international security. It draws insights from a range of diverse fields, including Computer Science, Social Science, Political Science, International Relations, Criminology, and Law. Furthermore, the book investigates the field of Artificial Intelligence (AI) and related technologies, exploring their dual role in this dynamic landscape of contemporary cyberthreats, with both constructive and malicious implications. The book comprises four distinct themes, with each theme represented by a dedicated Part. Within this organisational framework, each overarching theme is systematically explored through a series of chapters, providing readers with a clear and thematic roadmap for their journey through the content. Part I, Understanding Terrorism and Counter-Terrorism Strategies, of the book explores complexities surrounding contemporary global security challenges. It serves as the foundational segment of the book, consisting of three chapters that critically analyse various dimensions of terrorism and the strategies implemented to combat it. Part II, Cyberterrorism Landscape, of the book offers an in-depth assessment of the current cyberterrorism landscape. This section comprises two critical chapters, each contributing to a comprehensive understanding of the contemporary threats posed by cyberterrorism and their implications for national security. Part III, Countering Cyberterrorism with Technology, of the book forms the core of the book's exploration into leveraging technology to mitigate the threats of cyberterrorism. This section includes four critical chapters, collectively providing an in-depth understanding of the intersection between technology and counterterrorism strategies. Part IV, Artificial Intelligence and National and International Security, of the book delves into the complex relationship between AI technology and the broader security landscape. Comprising three pivotal chapters, this section provides a detailed understanding of AI's transformative role in shaping the future of national and international security.

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