1.	Record Nr.	UNINA9911034958803321
	Autore	Kaunert Christian
	Titolo	Artificial Intelligence for Global Counter-Terrorism : Utilizing Deep Learning and Innovative Strategies / / edited by Christian Kaunert, Bhupinder Singh, Rhishikesh Dave, Sally Lukose, Anjali Raghav
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	9783031992353 9783031992346
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (291 pages)
	Collana	Contributions to Security and Defence Studies, , 2948-2291
	Altri autori (Persone)	SinghBhupinder DaveRhishikesh LukoseSally RaghavAnjali
	Disciplina	327.116
	Soggetti	Security, International Terrorism Political violence Artificial intelligence Politics and war Machine learning International Security Studies Terrorism and Political Violence Artificial Intelligence Military and Defence Studies Machine Learning
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1. Artificial Intelligence and Drone Technology in Counterterrorism -- Chapter 2. AI Applications in Global Counterterrorism Efforts: Challenges, Compliance and Regulatory Gaps -- Chapter 3. Ethical Considerations in AI Driven Counterterrorism -- Chapter 4. Evolving Role of Autonomous Systems in Counter-Terrorism -- Chapter 5. Impact Assessment of Artificial Intelligence (AI) on Human Rights and Privacy: Curbing Global Digital Terrorism with Legal

Sommario/riassunto	The emergence of global terrorism has led to new, innovative artificial intelligence (AI) and deep learning techniques for effective counterterrorism. This book explores the transformative role of AI and deep learning in combating global terrorism, providing a comprehensive analysis of how these technologies can safeguard nations and societies. It presents strategies for utilizing AI and deep learning in intelligence gathering, predictive analysis, surveillance, and threat detection. The book examines the use of machine learning algorithms to analyze vast amounts of data, identifying patterns and trends to anticipate potential terrorist activities. It highlights how AI-powered systems enhance counterterrorism operations, real-time responses, and decision-making processes. Offering technical insights and practical applications, this book will appeal to students, researchers, and scholars of security studies, international relations, law, and political science, as well as to policymakers, and security professionals interested in a forward-thinking approach to combating terrorism in an interconnected world.

2. Record Nr.	UNINA9911006706203321
Autore	Radosavljevic Jordan
Titolo	Metaheuristic Optimization in Power Engineering : Distribution Systems Using MATLAB®-Based Software, Volume 2
Pubbl/distr/stampa	Stevenage : , : Institution of Engineering & Technology, , 2024 ©2024
ISBN	1-83724-379-4 1-5231-6290-2 1-83724-132-5
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Descrizione fisica	1 online resource (254 pages)
Collana	Energy Engineering Series
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Soggetti	Electric power distribution Heuristic algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title -- Copyright -- Contents -- Excerpt from the preface to the 1st edition (2018) -- Preface to the 2nd edition (2024) -- About the author -- 1 Power flow calculation in distribution networks -- 1.1 Introduction -- 1.2 Power flow calculation in balanced DNs -- 1.2.1 DG units treatment -- 1.3 Power flow calculation in unbalanced DNs -- 1.3.1 Line modeling -- 1.3.2 Transformer modeling -- 1.3.3 Load modeling -- 1.3.4 Backward/forward power flow algorithm for unbalanced DNs -- 1.4 MATLAB® programs -- 1.4.1 Power flow program for balanced DNs -- 1.4.2 Power flow program for unbalanced DNs -- 1.5 Conclusion -- References -- 2 Optimal power flow in distribution networks -- 2.1 Introduction -- 2.2 Deterministic OPF -- 2.2.1 Objective function -- 2.2.2 Constraints -- 2.3 DG units modeling for OPF -- 2.3.1 Diesel generator -- 2.3.2 Fuel cell -- 2.3.3 Microturbine
Sommario/riassunto	A new edition in two volumes of the systematic and comprehensive reference on metaheuristic methods for power systems with distributed renewables, which offers MATLAB-based software, with revised and new chapters.