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Titolo	Homeland security organization in defence against terrorism [[electronic resource] /] / edited by J.P.I.A.G. Charvat
Pubbl/distr/stampa	Amsterdam, : IOS Press, c2012
ISBN	1-299-33316-8 1-61499-047-6
Descrizione fisica	1 online resource (232 p.)
Altri autori (Persone)	CharvatJ. P. I. A. G
Disciplina	387.7364
Soggetti	Terrorism - United States - Prevention National security - United States - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	HOMELAND SECURITY ORGANIZATION IN DEFENCE AGAINST TERRORISM; Preface; Contents; Terrorism Today and Tomorrow: An Analysis and Projection Study; Winning Back Religion: Countering the Misuse of Scripture; Homeland Security in the United States: Lessons from the American Experience; CONTEST II - The United Kingdom's Counter Terrorism Strategy; Role of an International Organization in Homeland Security against Terrorism: The European Union; Law as a Homeland Security Tool in the Defence against Terrorism: The Universal Legal Framework for the Criminal Justice Response to Terrorism Homeland Security Policing Against Terrorism: Tactics and Investigations The Challenge of International Terrorism; Strategic Communication: Winning and Reassuring Domestic Minds including Minorities; Homegrown Terrorism as a Challenge for Homeland Security; The Threat of Weapons of Mass Destruction to Homeland Security; National, Homeland and Human Security: Conceptual Development, Globalization and Risk; Ideological Rehabilitation: A Necessary Component of the Counterterrorism Strategy in Singapore; Subject Index; Author Index
Sommario/riassunto	This book presents the proceedings of the NATO Centre of Excellence - Defence Against Terrorism (COE-DAT) Advanced Research Workshop entitled Homeland Security Organization in Defence Against Terrorism,

held in Ankara, Turkey, in November 2009. The workshop brought together participants from some 13 countries and consisted of five sessions: current threats to homeland security from terrorism; homeland security organization; legal and security responses to terrorism in homeland security; the challenge of international terrorism; other threats; and countering radicalization and the psychology of terrorism. During these sessions, presentations by thirteen expert speakers from eight countries were followed by a debate. The workshop concluded with a final discussion of all the topics reflected in the individual papers presented.

2. Record Nr.	UNINA9910983337503321
Autore	Rama Sree Sripada
Titolo	Algorithms and Computational Theory for Engineering Applications // edited by Sripada Rama Sree, Sachin Kumar
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031727474 3031727479
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (515 pages)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
Altri autori (Persone)	KumarSachin (Computer scientist)
Disciplina	518.1
Soggetti	Algorithms Engineering mathematics Engineering - Data processing Information technology - Management Mathematical and Computational Engineering Applications Computer Application in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Optimization Techniques -- 2. Machine Learning and Artificial Intelligence -- 3. Data Science and Big Data Analytics -- 4. Computational Modelling and Simulation -- 5. Robotics and Control Systems.

## Sommario/riassunto

This book goes deeply into the world of algorithms and computational theory and its astounding influence on numerous engineering areas. The book's carefully chosen content highlights the most recent studies, approaches, and real-world applications that are revolutionising engineering. The book is structured into distinct sections, each of which examines an important topic in computational theory and algorithms. The authors propose cutting-edge optimisation methods that revolutionise the way engineers approach engineering problems by allowing them to solve complicated issues quickly and effectively. The book illustrates the techniques and equipment used in the fields of data science and big data analytics to glean insightful information from enormous databases. Data visualisation, predictive modelling, clustering, and anomaly detection are a few examples of how algorithms are used to find patterns and trends that help engineers make well-informed decisions. Before being physically implemented, complex systems are built, tested, and optimised in the virtual environment thanks to computational modelling and simulation. The book examines numerical techniques, finite element analysis, computational fluid dynamics, and other simulation techniques to highlight how algorithms are changing engineering system design and performance optimisation. The book also delves into the intriguing field of robotics and control systems. The book's readers will learn about the algorithms that advance sensor fusion, intelligent control, path planning, and real-time systems, paving the way for innovations in autonomous driving, industrial automation, and smart cities. Readers will learn more about how algorithms and computational theory are modifying engineering environments, opening up new opportunities, and changing industries by examining the book's chapters. This book is a must-have for anyone looking to keep on top of the intersection of algorithms, computational theory, and engineering applications because of its concentration on practical applications and theoretical breakthroughs.

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