

1. Record Nr.	UNINA9910820239003321
Titolo	Transformational science and technology for the current and future force : proceedings of the 24th US Army Science Conference // editors, J.A. Parmentola ... [et al.]
Pubbl/distr/stampa	New Jersey, : World Scientific, c2006
ISBN	1-281-91209-3 9786611912093 981-277-257-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (601 p.)
Collana	Selected topics in electronics and systems ; ; v. 42
Altri autori (Persone)	ParmentolaJohn A
Disciplina	355.80973
Soggetti	Military art and science - Technological innovations - United States
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	CONTENTS ; Preface ; Keywords for Each Chapters ; Chapter 1: Sensors and Information Processing ; Kernel-Based Anomaly Detection in Hyperspectral Imagery ; Ground-Tracking for On and Off-Road Detection of Landmines with Ground Penetrating Radar Vehicle Tracking using Acoustic and Video Sensors Minimizing 1/f Noise in Magnetic Sensors with a MEMS Flux Concentrator ; Real-Time Laser-Based Sensors for Military and Civilian Applications ; Chapter 2: IT/C4ISR ; Antenna Optimization Study on Stryker Vehicle Using FDTD Technique Cross-Analysis of Data Collected on Knowledge Management Practices in Canadian Forces Environments Future Force and First Responders: Building Ties for Collaboration and Leveraged Research and Development ; Balancing Technology and Risk in the Future Combat Systems Improving the Speed of Dynamic Cluster Formation in MANET via Simulated Annealing Chapter 3: Advanced Computing and Simulation ; Advanced High and Low Fidelity HPC Simulations of FCS Concept Designs for Dynamic Systems

Multimillion Atom Simulations and Visualization of Hypervelocity  
Impact Damage and Oxidation  
Advanced Computer Simulations of Military Incinerators  
; Integrated Numerical and Experimental Investigation of Actuator  
Performance for Guidance of Supersonic Projectiles  
Advanced Computations for Ballistic Impact Problems

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Sommario/riassunto

This book provides the reader with a unique opportunity to understand the basic and applied research and technology areas that support applications to enable Transformational capabilities for US Soldiers. The research papers are in line with the theme of the 24th Army Science Conference: "Transformational Science and Technology for the Current and Future Force," emphasizing the critical role of Science and Technology in addressing the significant challenges posed by Global War On Terrorism while simultaneously developing Transformational capabilities for the Future Force. <i>Sample Chapter(s

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