

1. Record Nr.	UNINA9910483468103321
Titolo	Advances in Core Computer Science-Based Technologies : Papers in Honor of Professor Nikolaos Alexandris // edited by George A. Tsihrintzis, Maria Virvou
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-41196-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (449 pages)
Collana	Learning and Analytics in Intelligent Systems, , 2662-3447 ; ; 14
Disciplina	004
Soggetti	Engineering mathematics Computer simulation Engineering Mathematics Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: This is Just Metadata: From no Communication Content to User Probing, Surveillance and Exploitation -- Chapter 2: A fuzzy task scheduling method -- Chapter 3: A Bimodal System for Emotion Recognition via Computer of Known or Unknown Persons in Normal or Fatigue Situations -- Chapter 4: Homeodynamic modelling of complex abnormal biological processes -- Chapter 5: Engaging Students in Basic Cybersecurity Concepts Using Digital Game-Based Learning: Computer Games as Virtual Learning Environments.
Sommario/riassunto	This book introduces readers to some of the most significant advances in core computer science-based technologies. At the dawn of the 4th Industrial Revolution, the field of computer science-based technologies is growing continuously and rapidly, and is developing both in itself and in terms of its applications in many other disciplines. Written by leading experts and consisting of 18 chapters, the book is divided into seven parts: (1) Computer Science-based Technologies in Education, (2) Computer Science-based Technologies in Risk Assessment and Readiness, (3) Computer Science-based Technologies in IoT, Blockchains and Electronic Money, (4) Computer Science-based Technologies in Mobile Computing, (5) Computer Science-based

Technologies in Scheduling and Transportation, (6) Computer Science-based Technologies in Medicine and Biology, and (7) Theoretical Advances in Computer Science with Significant Potential Applications in Technology. Featuring an extensive list of bibliographic references at the end of each chapter to help readers probe further into the application areas of interest to them, this book is intended for professors, researchers, scientists, engineers and students in computer science-related disciplines. It is also useful for those from other disciplines wanting to become well versed in some of the latest computer science-based technologies.

---