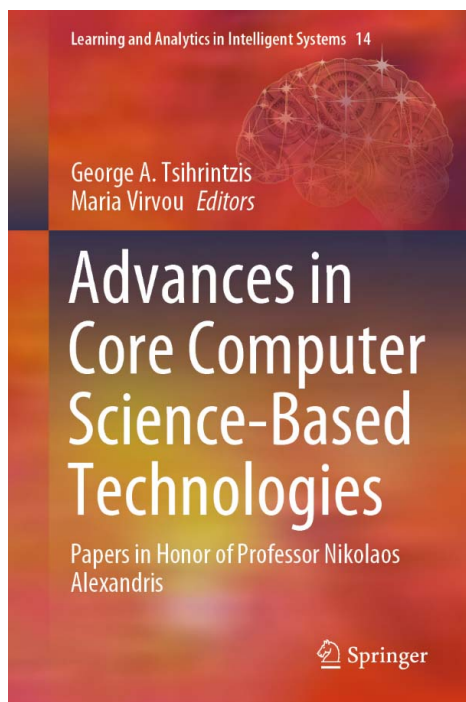


Book Review



Advances in Core Computer Science-Based Technologies – Papers in Honor of Professor Nikolaos Alexandris

Editors: Tsihrintzis, George A.; Virvou, Maria,
Springer 2020, pp. 437, ISBN 978-3-030-41196-1
Vol. 14 in Springer Book Series entitled **Learning and Analytics in Intelligent Systems**
<https://www.springer.com/series/16172>

Some of the best progress in science and technology has been achieved as ideas, methodologies and research results from one area act as a fertilizer of another area. This is particularly evident in Computer Science and Computer Science-based Technologies, which today span very broad aspects of everyday life. However, this very breadth and depth of both theoretical advances and advances in related technologies enforces a division of computer science research and technologies into several sub-areas. Consequently, relevant research communities often appear as segregated and non-interacting

and, thus, do not benefit from each other's progress, developments and achievements.

It is, therefore, mandatory to make available to computer scientists and technologists collective books which expose their readers to the most recent significant advances in broad subjects in Computer Science-based Technologies. Such a task is not easy to fulfil, as the Editors themselves need to be versed in these advances and select and invite prominent researchers to write chapters in areas in which they have made significant contributions. Professors Tsihrintzis and Virvou recently handed to the Computer Science community such a high quality volume, while inspired and honouring Professor Emeritus Nikolaos Alexandris who stands as a recognized researcher in various aspects of Computer Science and related technologies.

The book consists of an editorial/introductory chapter and an additional 17 chapters, organized into seven book parts, namely: (1) *Computer Science-based Technologies in Education* (4 chapters), (2) *Computer Science-based Technologies in Risk Assessment and Readiness* (3 chapters), (3) *Computer Science-based Technologies in IoT, Blockchains and Electronic Money* (3 chapters), (4) *Computer Science-based Technologies in Mobile Computing* (2 chapters), (5) *Computer Science-based Technologies in Scheduling and Transportation* (2 chapters), (6) *Computer Science-based Technologies in Medicine and Biology* (2 chapters), and (7) *Theoretical Advances in Computer Science with Significant Potential Applications in Technology* (1 chapter).

Despite the impressively broad number of topics in Computer Science-based Technologies covered in it, the book is coherently organized and exposes its readers to the full spectrum of related research problems and progress. This is achieved as the Editors have divided the book into the parts mentioned previously, but also because the chapter authors have taken sufficient care to make each chapter self-contained and complete in terms of coverage of its theme.

From the point of view of an active researcher, I feel that computer scientists and technologists, including professors, graduate/doctoral students and other ad-

vanced researchers, will find this book a valuable resource for extending their research further and benefiting it from progress in Computer Science fields other than the ones into which they specialize. I am also convinced that general readers with an interest in Computer Science-based Technologies will also benefit from this book, as it will expose them to a wide variety of the current state-of-the-art and lead them to probe deeper into the fascinating world of Computer Science and related technologies.

I, thus, hand my congratulations to the Editors for their superb work and I provide my highest and unre-served recommendation to it.

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