Advances in artificial intelligence-based technologies : selected papers in honour of Professor Nikolaos G. Bourbakis.

Bourbakis, Nikolaos G.,
honouree
Virvou, Maria,
editor
Tsihrintzis, George A.,
editor
Tsoukalas, Lefteri H.,
editor
Jain, L. C.,
editor

Festschriften. Festschriften.

Monografía

With the 4th Industrial Revolution ongoing and human societal organization being restructured into, so-called, "Society 5.0", the field of Artificial Intelligence and related technologies is growing continuously and rapidly, developing in both itself and towards applications in many other disciplines. Researchers worldwide aim at incorporating cognitive abilities into machines, such as learning and problem solving. When machines and software systems have been enhanced with Artificial Intelligence components, they become better and more efficient at performing tasks. Consequently, Artificial Intelligence stands out as a research discipline due to its worldwide pace of growth in both theoretical advances and areas of application, while achieving very high rates of success and promising major impact in science, technology and society. The book at hand aims at exposing its readers to some of the most significant Advances in Artificial Intelligence Theory, Tools and Methodologies as well as Artificial Intelligence-based Applications and Services. The book consists of an editorial note and an additional eleven (11) chapters, all invited from authors who work on the corresponding chapter theme and are recognized for their significant research contributions. In more detail, the chapters in the book are organized into three parts, namely (i) Advances in Artificial Intelligence Tools and Methodologies, (ii) Advances in Artificial Intelligence-based Applications and Services, and (iii) Theoretical Advances in Computation and System Modeling. This research book is directed towards professors, researchers, scientists, engineers and students in Artificial Intelligence-related disciplines. It is also directed towards readers who come from other disciplines and are interested in becoming versed in some of the most recent Artificial Intelligence-based technologies. An extensive list of bibliographic references at the end of each chapter guides the readers to probe further into the application areas of interest to them

Título: Advances in artificial intelligence-based technologies selected papers in honour of Professor Nikolaos G. Bourbakis. Vol. 1 Maria Virvou, George A. Tsihrintzis, Lefteri H. Tsoukalas, Lakhmi C. Jain, editors

Editorial: Cham, Switzerland Springer [2022]

Descripción física: 1 online resource (xii, 237 pages) illustrations (some color)

Mención de serie: Learning and analytics in intelligent systems 2662-3455 volume 22

Contenido: Chapter 1: Advances in Artificial Intelligence Tools and Methodologies -- Chapter 2: Advances in Artificial Intelligence-based Applications and Services -- Chapter 3: Theoretical Advances in Computation and System Modeling

Copyright/Depósito Legal: 1287769681

ISBN: 9783030805715 electronic bk.) 3030805719 electronic bk.) 9783030805708 print)

Materia: Artificial intelligence Artificial Intelligence Intelligence artificielle artificial intelligence. Artificial intelligence.

Autores: Bourbakis, Nikolaos G., honouree Virvou, Maria, editor Tsihrintzis, George A., editor Tsoukalas, Lefteri H., editor Jain, L. C., editor

Enlace a formato físico adicional: Printed edition 9783030805708 Printed edition 9783030805722 Printed edition 9783030805739

Punto acceso adicional serie-Título: Learning and analytics in intelligent systems v. 22. 2662-3455

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es