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Recent Advances in Intelligent Systems and Smart Applications

Springer

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Preface

The field of intelligent systems and smart applications has extremely evolved with new trends during the last decade. Several practical and theoretical findings are growing enormously due to the increasing number of successful applications and new theories derived from numerous diverse issues. The applications of these trends have been applied to various domains, including education, travel and tourism, health care, among others. This book is dedicated to the intelligent systems and smart applications area in several ways. First, it aims to provide and highlight the current research trends in intelligent systems and smart applications. Second, it attempts to concentrate on the recent design, developments, and modifications of intelligent systems and smart applications. Third, it aims to provide a holistic view of the factors affecting the adoption, acceptance, or continued use of intelligent systems and smart applications. It is important to understand these issues in order to determine future needs and research directions. Fourth, this edited book aims to bring scientists, researchers, practitioners, and students from academia and industry to present the recent and ongoing research activities about the recent advances, techniques, and smart applications and to allow the exchange of new ideas and application experiences.

This book is intended to present the state of the art in research on intelligent systems, smart applications, and other related areas. The edited book was able to attract 60 submissions from different countries across the world. From the 60 submissions, we accepted 35 submissions, which represents an acceptance rate of 58.3%. The accepted papers were categorized under five different themes, including information systems and software engineering, knowledge management, technology in education, emerging technologies, and social networks. Each submission is reviewed by at least two reviewers, who are considered specialized in the related submitted paper. The evaluation criteria include several issues, such as correctness, originality, technical strength, significance, quality of presentation, and interest and relevance to the book scope. The chapters of this book provide a collection of high-quality research works that address broad challenges in both theoretical and application aspects of intelligent systems and smart applications. The chapters of

this book are published in *Studies in Systems, Decision and Control Series* by Springer, which has a high SJR impact.

We acknowledge all those who contributed to the staging of this edited book. We would also like to express our gratitude to the reviewers for their valuable feedback and suggestions. Without them, it would not be possible for us to maintain the high quality and the success of the *Recent Advances in Intelligent Systems and Smart Applications* edited book. Therefore, on the next page, we list the reviewers along with their affiliations as a recognition of their efforts.

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April 2020

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