Lecture Notes on Data Engineering and Communications Technologies

Volume 158

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The aim of the book series is to present cutting edge engineering approaches to data technologies and communications. It will publish latest advances on the engineering task of building and deploying distributed, scalable and reliable data infrastructures and communication systems.

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Advances in Intelligent Systems, Computer Science and Digital Economics IV

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Preface

This book comprises high-quality peer-reviewed research papers presented at the 4th International Symposium on Computer Science, Digital Economy, and Intelligent Systems (CSDEIS2022), held in Wuhan, China, from November 11 to 13, 2022, organized jointly by the Wuhan University of Technology, Hubei University of Technology, Wuhan University of Science and Technology, the Polish Operational and Systems Society, and the International Center of Informatics and Computer Science (ICICS).

The topics discussed in the book include state-of-the-art papers in the field of computer science and its technological applications; intelligent systems and intellectual methods; digital economics and educational approaches. It is an excellent source of references for researchers, engineers, management practitioners, graduate students, and undergraduate students interested in computer science and its applications in engineering and management. The development of artificial intelligence systems and their applications in various fields play important roles in interdisciplinary studies and practical problem-solving. The advancement of the intelligent system disciplines belongs to one of the most urgent tasks of modern science and technology. Simultaneously, with the rapid advances in computer technologies, quantum computing, and digital communications, the lives and professional activities of people are changing throughout the world. In particular, with the formation of the concept of the "digital economy", these changes have led to profound transformations in economic and financial activities.

Among all submissions to the conference, this book includes the best contributions selected by the program committee.

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