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Nota di contenuto	Chatbots as a Tool to Optimize the Educational Process -- Intelligent System of Computer Aided Processes Planning -- Polypolar Coordination by the Multifocal Lemniscates -- Evaluation Method of Distributed Renewable Energy Access to Distribution Network Based on Variable Weight Theory -- Evaluation of Distribution Equipment Utilization Based on Data Driven -- Parametric Oscillations at Delays in the Forces of Elasticity and Damping -- Algebraic Harmony in Genomic DNA-texts and Long-range Coherence in Biological Systems.
Sommario/riassunto	This book comprises refereed papers presented at The International Conference on Artificial Intelligence and Power Engineering (AIPE2020), held in Moscow, Russia, on December 25–27, 2020. The book's/conference's general scope covers the latest advances for the development of artificial intelligence systems and their applications in various fields from power engineering to biology and education. Given the rapid development of artificial intelligence systems, the book emphasizes the need for the intensification of training of a growing number of relevant specialists, in particular, in energy and power engineering to increase the effectiveness of creation and diagnosing of appropriate technical solutions. In digital artificial intelligence systems, scientists endeavor to reproduce the innate intellectual abilities of

humans and other organisms. The in-depth study of biological and self-organizing systems provides new approaches to create more and more effective artificial intelligence methods. Topics of the included papers concern thematic materials in the following spheres: mathematics and computer algorithms; analysis of some technical solutions; technological and educational approaches. The book is a compilation of state-of-the-art papers in the field, covering a comprehensive range of subjects that are relevant to business managers and engineering professionals alike. The breadth and depth of these proceedings make them an excellent resource for asset management practitioners, researchers, and academics, as well as undergraduate and postgraduate students interested in artificial intelligence systems and their growing applications. The intended readership includes specialists, students, and other circles of readers who would like to know where artificial intelligence systems can be applied in the future with great benefit.