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Soggetti	Computational intelligence Artificial intelligence Computer mathematics Computational Intelligence Artificial Intelligence Computational Mathematics and Numerical Analysis
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Note generali	Includes index.
Nota di contenuto	Chapter 1. Application of the Flower Pollination Algorithm in the Analysis of Micro-CT Scans (Piotr Kowalski) -- Chapter 2. Enhancing the analysis of video time series by means of a multi-agent architecture (Luis Rodriguez-Benitez) -- Chapter 3. On the Antecedent Sets for Fuzzy Classification of Colorectal Polyps with Stabilized KH Interpolation (Szilvia Nagy) -- Chapter 4. How to predict consistently? (Evgenii Vityaev) -- Chapter 5. Symbolic Unfolding of Multi-adjoint Logic Programs (Gines Moreno) etc.
Sommario/riassunto	This book presents appealing contributions on computational intelligence and mathematics, connecting both areas and offering solutions to a number of interesting, real-world problems. Such problems often require novel solutions, as complexity exceeds the tractable size. At the same time, the need for good-quality realistic solutions results in models and algorithms with a good balance of resource intensiveness and model quality (accuracy). Many areas of knowledge call for hybrid solutions that combine traditional

mathematical techniques and computational intelligence based on subsymbolic knowledge representation. Important research topics are focused on developing the interaction between computational intelligence and mathematics, in order to address various challenges of the current technological age. Written by influential, leading researchers, this book discusses the latest trends in hybridising mathematics and computational intelligence.

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