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Nota di contenuto	Chapter 1. Optimization of Non Local Means Filtering Technique for Denoising Magnetic Resonance Images: A Review -- Chapter 2. A Production Model with Stock Dependent Demand, Partial Backlogging, Weibull Distribution Deterioration and Customer Returns -- Chapter 3. Chemo-inspired Genetic Algorithm and Application to Model Order Reduction Problem -- Chapter 4. Grammatical Evolution Using Fireworks Algorithm.-Chapter 5. Gaussian Function Based Particle Swarm Optimization -- Chapter 6. Reinforcing Particle System Effects Using Object Oriented Approach and Real Time Fluid Dynamics for Next Generation 3D Gaming -- Chapter 7.Searchless Fractal Image Compression Using Fast DCT and Real DCT.-Chapter 8. Study of Neighborhood Search Based Fractal Image Encoding.-Chapter 9. An Optimized Color Image Watermarking Technique Using Differential Evolution and SVD-DWT Domain -- Chapter 10. One Day Ahead

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Sommario/riassunto

This two volume book is based on the research papers presented at the 5th International Conference on Soft Computing for Problem Solving (SocProS 2015) and covers a variety of topics, including mathematical modelling, image processing, optimization methods, swarm intelligence, evolutionary algorithms, fuzzy logic, neural networks, forecasting, medical and health care, data mining, etc. Mainly the emphasis is on Soft Computing and its applications in diverse areas.

The prime objective of this book is to familiarize the reader with the latest scientific developments in various fields of Science, Engineering and Technology and is directed to the researchers and scientists engaged in various real-world applications of ‘Soft Computing’.