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Nota di contenuto	Frontmatter -- Preface -- Contents -- About the editors -- List of contributors -- 1 Application of neural network to detect freezing of gait in patients with Parkinson's disease -- 2 A new fuzzy de novo programming approach for optimal system design -- 3 A probabilistic two-level programming in noncooperative game under fuzzy environment: comparative study -- 4 Intuitionistic fuzzy trigonometric distance and similarity measure and their properties -- 5 Distributed Activation Energy Modeling by the transmutation of different density functions -- 6 Air quality forecasting using soft computing techniques -- 7 Arithmetic operations on generalized semielliptic intuitionistic fuzzy numbers and their application in multicriteria decision making -- 8 Method for solving intuitionistic fuzzy assignment problem -- 9 Optimization of EDM process through evolutionary computing and fuzzy MCDM techniques -- 10 Fuzzy reliability of system using different types of bifuzzy failure rates of components -- Index
Sommario/riassunto	Soft computing is used where a complex problem is not adequately specified for the use of conventional math and computer techniques. Soft computing has numerous real-world applications in domestic, commercial and industrial situations. This book elaborates on the most recent applications in various fields of engineering.