Decision Making with Spherical Fuzzy Sets [Theory and Applications /

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Monografía

This book introduces readers to the novel concept of spherical fuzzy sets, showing how these sets can be applied in practice to solve various decision-making problems. It also demonstrates that these sets provide a larger preference volume in 3D space for decision-makers. Written by authoritative researchers, the various chapters cover a large amount of theoretical and practical information, allowing readers to gain an extensive understanding of both the fundamentals and applications of spherical fuzzy sets in intelligent decision-making and mathematical programming.

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fuzzy sets and their applications -- Chapter 5: Spherical Fuzzy Bonferroni Mean Aggregation Operators and Their Applications to Multiple-Attribute Decision Making -- Chapter 6: Prioritizing Manufacturing Challenges of a Contract Manufacturing Company for Personal Auto by Using Spherical WASPAS Method -- Chapter 7: Assessment of Livability Indices of Suburban Places of Istanbul by Using Spherical Fuzzy CODAS Method -- Chapter 8: Global Supplier Selection with Spherical Fuzzy Analytic Hierarchy Process -- Chapter 9: Delivery Drone Design Using Spherical Fuzzy Quality Function Deployment.

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