Book Reviews/ Reseñas Bibliográficas

FUZZY SETS-BASED METHODS AND TECHNIQUES FOR MODERN ANALYTICS

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At this time there is an interesting movement in the study of data ranging from "data analysis" to what is now known as "data analytics", embedded in these definitions an inherent aspect of the evaluation of past and future data. This brings us to the concept of Modern Analitycs and their relation with Statistics, Intelligence of Business and Information Systems and Modeling and Optimization. In this field, the Fuzzy Mathematical Programming (FMP) plays an essential role in dealing with a range of problems such as those concerning Smart Cities, Intelligent and Multimodal Transport, Renewable Energies, etc.
Authors with a recognized trajectory in this line of research present a very complete book concerned with the study of different models and methods based on FMP presenting extensive theoretical information together with practical tools. Contents that goes from the key concepts of Fuzzy Sets, different types of problems that can be considered in Fuzzy Linear Programming and their methods of solution, problems involving fuzzy parameters, by means of focuses based on the Simplex Algorithm and not based on the Simplex Algorithm, until the case of the Transport Problem as a demonstration of the practical applicability of FLP are covered and described clearly and concisely throughout the book.
I recommend this interesting book for students, researchers and practitioners in fields such as Modern Analytics, Computer Science, Statistics, and Operations Research.

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