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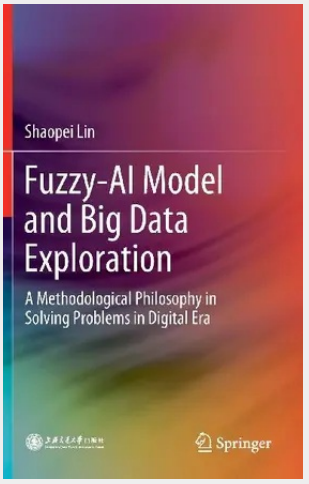
# Fuzzy-AI Model and Big Data Exploration

A Methodological Philosophy in Solving Problems in Digital Era




Based on the idea of a universal rule for problem solving, the book suggests that the “System-Fuzzy Approach (SFA)” Model can be applied to various complex real-world problems. It is the first book for problem solving in complicated problems with a universal project management tool. Systematic searching is an essential step in identifying the right direction in problem solving; and the fuzzy steps in concrete problem solving reflect the flexibility and compromises involved in the process. Nevertheless, the fuzzy steps also demonstrate human beings’ impressively flexible problem-solving skills.

Simulating human decision-making processes based on fuzzy information processing is essential in our digital era, in which many problems need to be solved by means of artificial intelligence; hence the Fuzzy-AI Model emerged. As a universal rule and tool, it can be applied to a broad range of real-world problems. Offering a valuable guide to fuzzy decision-making, this book is intended for researchers, scientists and graduate students in the fields of  Engineering, Economics, Sociology, Managerial Science, Project Management etc.

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