

Fuzzy Stochastic Multiobjective Programming Masatoshi Sakawa

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Fuzzy Stochastic Multiobjective Programming Masatoshi

"This is an excellent textbook on fuzzy stochastic multiobjective programming. ... The book is beautifully written and inspiring as a source for further research. The style is clear and rigorous. I warmly recommend this book and also other publications of these authors.

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Chapter 6 develops several interactive fuzzy programming approaches to multiobjective stochastic programming problems. Applications to purchase and transportation planning for food retailing are considered in Chapter 7. The book is self-contained because of the three appendices and answers to problems.

Linear and Multiobjective Programming with Fuzzy ...

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fuzzy multiobjective programming as well as fuzzy multiobjective programming is outlined. In Chapter 3, by considering the imprecision of decision maker's (DM's) judgment for stochastic. objective functions and/or constraints in multiobjective problems, fuzzy multiobjective stochastic programming is developed.

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Masatoshi Sakawa, Hitoshi Yano, Ichiro Nishizaki. Pages 1-6. ... In this book, five major topics, linear programming, multiobjective programming, fuzzy programming, stochastic programming, and fuzzy stochastic programming, are presented in a comprehensive manner. Especially, the last four topics together comprise the main characteristics of ...

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fuzzy multiobjective programming as well as fuzzy multiobjective programming is outlined. In Chapter 3, by considering the imprecision of decision maker's (DM's) judgment for stochastic. objective functions and/or constraints in multiobjective problems, fuzzy multiobjective stochastic programming is developed.

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Abstract. In this chapter, by considering the imprecision of a decision maker's (DM's) judgments for stochastic objective functions and/or constraints in multiobjective problems, fuzzy multiobjective stochastic programming is developed.

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In Chapter 4, starting with clear explanations of fuzzy linear programming and fuzzy multiobjective linear programming, interactive fuzzy multiobjective linear programming is presented. Chapter 5 gives detailed explanations of fundamental notions and methods of stochastic programming including two-stage programming and chance constrained ...

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A scenario-based robust possibilistic model for a multi ...

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A fuzzy goal programming approach for solving fuzzy multi ...

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Abstract. In this chapter, by considering not only the randomness of parameters involved in objective functions and/or constraints but also the experts' ambiguous understanding of realized values of the random parameters, multiobjective programming problems with fuzzy random variables are formulated.

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