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# OPTIMUM SEEKING METHODS

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# Optimum Seeking Methods

**Douglas James WILDE**



## **Optimum Seeking Methods:**

Optimum Seeking Methods Douglass J. Wilde, 1964      Optimum Seeking Methods. [With Illustrations.] Douglas James WILDE, 1964      Optimum Seeking Methods Douglass J. Wilde, 1964      *Optimum Seeking Methods by Douglass J Wilde* Douglass J. Wilde, 1964      Optimal Models and Methods with Fuzzy Quantities Bing-Yuan Cao, 2010-02 The book contains ten chapters as follows Prepare Knowledge Regression and Self regression Models with Fuzzy Coefficients Regression and Self regression Models with Fuzzy Variables Fuzzy Input output Model Fuzzy Cluster Analysis and Fuzzy Recognition Fuzzy Linear Programming Fuzzy Geometric Programming Fuzzy Relative Equation and Its Optimizing Interval and Fuzzy Differential Equations and Interval and Fuzzy Functional and Their Variation It can not only be used as teaching materials or reference books for under graduates in higher education master graduates and doctor graduates in the courses of applied mathematics computer science artificial intelligence fuzzy information process and automation operations research system science and engineering and the like but also serves as a reference book for researchers in these fields particularly for researchers in soft science      *Optimum-seeking Designs for Simulation Experiments with Models of Agricultural Systems* S. R. Harrison, Lincoln College (University of Canterbury). Agricultural Economics Research Unit, 1979      **Popularizing Mathematical Methods in the People's Republic of China** L.K. Hua, Wang, 2012-12-06 Professor Hua Loo Keng is the first person to have undertaken the task of popularizing mathematical methods in China As early as 1958 he proposed that the application of operations research methods be initiated in industrial production With his students Yu Ming I Wan Zhe Xian and Wang Yuan Professor Hua visited various transportation departments to promote mathematical methods for dealing with transportation problems and a mass campaign was organized by them and other mathematicians to advance and apply linear programming methods to industrial production in Beijing and in Shandong province However due to the fact that these methods have limited applications and their computation is rather complex their popularization and utilization in China have so far been restricted to a small number of sectors such as the above mentioned transportation departments In 1958 Hua Loo Keng proposed the use of Input Output methods in the formulation of national economic plans Apart from publicizing this method he carried out in depth research on the subject He also gave lectures on related non negative matrix theory pointing out the economic significance of various theoretical results      **Probability-Based Multi-objective Optimization for Material Selection** Maosheng Zheng, Haipeng Teng, Jie Yu, Ying Cui, Yi Wang, 2022-08-12 This book illuminates the fundamental principle and applications of probability based multi objective optimization for material selection systematically in which a brand new concept of preferable probability and its assessment as well as other treatments are introduced by authors for the first time Hybrids of the new approach with experimental design methodologies such as response surface methodology orthogonal experimental design and uniform experimental design are all performed the conditions of the material performance utility with desirable value and robust assessment are included the discretization treatment of

complicated integral in the evaluation is presented The authors wish this work will cast a brick to attract jade and would make its contributions to relevant fields as a paving stone This book can be used as a textbook for postgraduate and advanced undergraduate students in material relevant majors and a reference book for scientists and engineers digging in the related fields

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