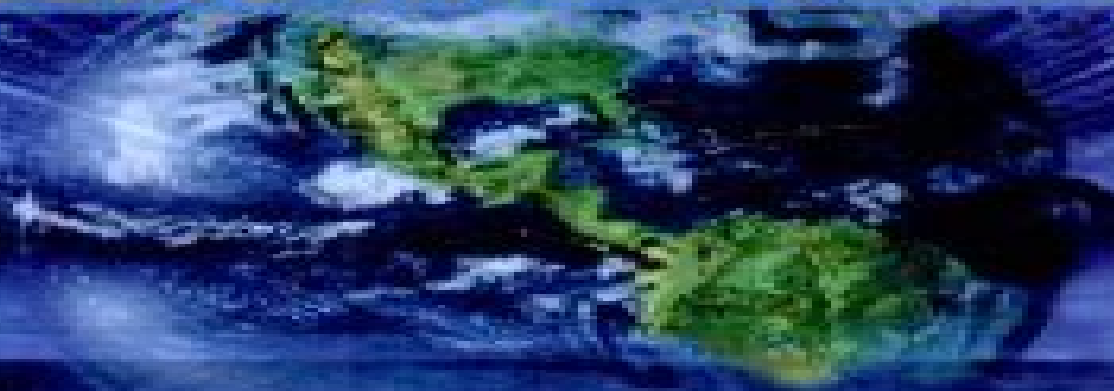


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Penelitian Operasional Kartika Suhada, Vivi Arisandhy, Novi, 2025-05-12 Buku ini berisi tentang permasalahan pemrograman linier dan berbagai metode yang dapat digunakan untuk memecahkan permasalahan pemrograman linier yaitu metode grafis dan berbagai metode simpleks yang mencakup Simplex Dasar Basic Simplex Big M Dua Fase Two Phase Simplex yang Direvisi Revised Simplex dan Dual Simplex Materi lain yang dibahas meliputi Analisis Sensitivitas Sensitivity Analysis Pemrograman Bilangan Bulat Integer Programming Masalah Transportasi dan Penugasan Setiap pokok bahasan disajikan secara terstruktur di mana setelah penyajian teori diikuti dengan contoh aplikasi teori agar pembaca dapat memahami pokok bahasan yang disampaikan Selain itu bahasa yang digunakan juga mudah dipahami Untuk dapat mengukur tingkat pemahaman pembaca akan teori yang disampaikan diberikan beberapa soal latihan

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G. V. Shenoy,U. K. Srivastava,S. C. Sharma,1986 *Applications and Supplementary Bibliography of Fractional Programming* Wendy Weite Chou,1989 *Fractional Programming* I.M. Stancu-Minasian,2012-12-06 Mathematical programming has know a spectacular diversification in the last few decades This process has happened both at the level of mathematical research and at the level of the applications generated by the solution methods that were created To write a monograph dedicated to a certain domain of mathematical programming is under such circumstances especially difficult In the present monograph we opt for the domain of fractional programming Interest of this subject was generated by the fact that various optimization problems from engineering and economics consider the minimization of a ratio between physical and or economical functions for example cost time cost volume cost profit or other quantities that measure the efficiency of a system For example the productivity of industrial systems defined as the ratio between the realized services in a system within a given period of time and the utilized resources is used as one of the best indicators of the quality of their operation Such problems where the objective function appears as a ratio of functions constitute fractional programming problem Due to its importance in modeling various decision processes in management science operational research and economics and also due to its frequent appearance in other problems that are not necessarily economical such as information theory numerical analysis stochastic programming decomposition algorithms for large linear systems etc the fractional programming method has received particular attention in the last three decades

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