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This book is intended to both serve as a reference guide and a text for a course on Applied Mathematical Programming for upper undergraduate and Master level students ...

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Applied Mathematical Programming, Reading, MA: Addison-Wesley Publishing Company, 1977.

Applied Mathematical Programming - Book - Harvard Business ...

This course is an introduction to linear optimization and its extensions emphasizing the underlying mathematical structures, geometrical ideas, algorithms and solutions of practical problems. The topics covered include: formulations, the geometry of linear optimization, duality theory, the simplex method, sensitivity analysis, robust optimization, large scale optimization network flows ...

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(PDF) Application of a mathematical programming model for ...

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Mathematical optimization - Wikipedia

They applied an iterative approach for model robustness. Also, they generated solutions that add costs as penalties and cause robustness to stochastic variability in operation. Pilla et al. [11] considered fleet assignment problem as a stochastic programming model and applied a multivariate adaptive regression based on

A mathematical model for an integrated airline fleet ...

In this regard, it is regarded as a legal entity so that its activities are not overshadowed by other urban activities. In this paper, a linear mathematical programming model has been designed for integrated SWM. Using Lingo software and required data from Tehran, the proposed model has been applied for Tehran SWM system as a case study.

Mathematical modeling in municipal solid waste management ...

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Mathematical programming - Encyclopedia of Mathematics

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Mathematical Programming - Decision Modeling

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Applied Mathematical Programming - Stephen P. Bradley ...

The proposed optimization model and solution approach are used to handle the case study of Tehran earthquake. Abstract In this study, a stochastic multi-objective mixed-integer mathematical programming is proposed for logistic distribution and evacuation planning during an earthquake.

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