SEMINÁRIO

21 de Dezembro de 2007
(Departamento de Matemática, sala Sousa Pinto, 11:30-12:30)

Título: Computational Approach to Essential and Nonessential Objective Functions in Linear Multicriteria Optimization.

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Resumo: The question of obtaining well–defined criteria for multiple-criteria decision making problems is well known. One of the approaches dealing with this question is the concept of nonessential objective functions. A certain objective function is called nonessential if the set of efficient solutions is the same with or without that objective function. We present two methods for determining nonessential objective functions. A computational implementation is done using a computer algebra system.