

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Nelson Maculan**

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报告题目:

Integer linear models with a polynomial number of variables and constraints for some classical combinatorial optimization problems

邀请人: **戴彧虹 研究员**

报告时间: **2014 年 12 月 11 日 (周四)**

上午 9:30-10:30

报告地点: **数学院南楼七层 702
会议室**

Abstract:

We present integer linear models with a polynomial number of variables and constraints for combinatorial optimization problems in graphs: optimum elementary cycles (whose traveling salesman problem), optimum elementary paths with negative cycles, and optimum trees (whose Steiner tree problem) problems.

Keywords: modeling combinatorial optimization problems, optimization in graphs, characterization of connected subgraphs

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