数学与系统科学研究院

计算数学所学术报告

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报告题目： Path Finding Problems

邀请人： 袁亚湘研究员

报告时间： 2009 年 4 月 9 日(周四)

下午 4:00—5:00

报告地点： 科技综合楼三层311

计算数学所报告厅

Abstract：

Path finding has always been a human activity. In Combinatorial Optimization the focus has been, for many years, on

finding shortest paths as fast as possible. There are many other situations where paths of some type and with certain properties play an important role. The goal is not necessarily to find a shortest path but to generate several "controlled" paths that balance the use of various resources. This sort of multi-criteria path problems often arises, for instance, in column generation approaches to hard combinatorial optimization problems. I will survey such path optimization problems, concentrating on examples that have come up in real-world applications treated in my research group. The cases will include examples from telecommunication and transportation.

欢迎大家参加！