

**数学与系统科学研究院**

**计算数学所学术报告**

**报告人: Prof. Jiming Peng**

**(University of Illinois at Urbana-  
Champaign)**

**报告题目:**

**Some Results on Binary and  
Nonconvex Quadratic Programming**

**邀请人: 袁亚湘研究员**

**报告时间: 2009年6月9日(周二)**

**下午 3:30—5:00**

**报告地点: 科技综合楼三层 301**

**计算数学所报告厅**

## Abstract:

Binary and nonconvex quadratic programming is one of the most popular optimization models that has been intensively studied and widely applied in a broad range of disciplines. Nevertheless, there still exist many research challenges issues in attacking binary and nonconvex quadratic programming problems. In this talk, we report some recent results on a few special classes of binary and nonconvex QPs including the quadratic assignment problem, the densest  $k$ -subgraph problem and the standard QP over simplex.

**欢迎大家参加！**