数学与系统科学研究院

计算数学所博士后定期学术报告

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报告题目：

Backward Errors for Eigenproblem of Two Classes of Structured Matrices

报告时间：**2010 年 12 月 30 日（周四）**

下午 16：00～17：00

报告地点： **科技综合楼三层 311**

计算数学所报告厅

Abstract:

Symmetric centrosymmetric and symmetric skew-centrosymmetric matrices are two classes of important matrices in many real world applications. In addition, there have been many papers studying the numerical methods for matrix equations and eigenproblems of these two classes of matrices. It is well-known that backward errors are very important for assessing the stability and quality of numerical algorithms. In this talk, we will present explicit formulae of backward errors in the eigenproblems of symmetric centrosymmetric matrices and symmetric skew-centrosymmetric matrices, respectively.

欢迎大家参加！