数学与系统科学研究院

计算数学所学术报告

（定期学术报告）

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报告题目：

An introduction to auxiliary space preconditioning method

报告时间： **2010** 年 **6** 月 **3** 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：

Auxiliary space preconditioning is a general approach to preconditioning linear systems. It carries out the ``divide and conquer'' strategy and belongs to the space decomposition and subspace correction method. It has shown to be the fundamental idea of the construction of some optimal solvers. In this talk, a concise introduction to the auxiliary space preconditioning method will be given. The basic approach of the method will be introduced, and some implementations will be given.

欢迎大家参加！