数学与系统科学研究院

计算数学所学术报告

报告人：Prof. Jinyun Yuan

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报告题目：

Convergent Splitting Method and its Applications

邀请人：戴彧虹 研究员

报告时间：2021 年 5 月 4 日（周二）

上午：10：00-11：00

报告地点：数学院南楼

702 教室

Abstract:

In numerical linear algebra the SOR method is convergent if and only if the matrix A is positive definite whenever A is symmetric with positive diagonal elements this is famous Ostrowski-Reich theorem. In this talk the Ostrowski/Reich theorem is extended to general splitting methods for non symmetric case and singular case. the nice necessary and sufficient convergent condition is given.

欢迎大家参加！