

数学与系统科学研究院

计算数学所学术报告

报告人: 赵景军教授

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报告题目:

**Delay-dependent stability of
symmetric boundary value methods
for second order delay differential
equations with three parameters**

邀请人: 唐贻发研究员

报告时间: 2014年8月5日(周二)

上午 10:00~11:00

报告地点: 科技综合楼 301

计算数学所小报告厅

Abstract:

This talk aims at the delay-dependent stability analysis of symmetric boundary value methods, which include the Extended Trapezoidal Rules of the first and second kinds, the Top Order Methods and the B-spline linear multistep methods, for second order delay differential equations with three parameters. Theoretical analysis and numerical results are presented to show that the symmetric boundary value methods preserve the asymptotic stability of the true solutions of the test equation.

欢迎大家参加！