数学与系统科学研究院

计算数学所学术报告

报告人：　Dr. Daniel X Guo

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报告题目：

Semi-Lagrangian Methods for Incompressible Navier-Stokes Equations

邀请人：　张林波 研究员

报告时间：2018 年 7 月 2 日（周一）

上午 9:00-10:00

报告地点：　数学院南楼二层

210 教室

Abstract:

In this talk, we focused on the one-step semi-Lagrangian methods for nonlinear time-dependent partial differential equations: single equation and systems in one or two dimensions. The Korteweg-de-Vries equation (KdV) was used to test the high-order semi-Lagrangian methods. For the incompressible Navier-Stokes equations with boundary and initial-value conditions, one-step semi-Lagrangian forward method was investigated for computing the numerical solutions.

欢迎大家参加！