数学与系统科学研究院

计算数学所网络学术报告

报告人： **Prof. Qingsong Zou**

（ *Sun Yat-sen University* ）

报告题目：

Analysis of Spectral Finite Volume Methods for Hyperbolic equations: a first look

邀请人： 毛士鹏 研究员

报告时间：2020 年 11 月 29 日（周日）

上午 **10:00-11:00**

报告工具：腾讯会议（**ID：757 621 996**）

会议链接：

https://meeting.tencent.com/s/Cmh7LS66U7Cv

Abstract：

In this talk, we will first review the analysis of high order finite volume methods for elliptic equations. Then we will explain the difficulties existed in the analysis of Spectral volume methods for hyperbolic equations. Finally, we will report our recent theoretic analysis on the stability, L2 norm error estimates and superconvergence of the spectral volume methods for hyperbolic equations.

欢迎大家参加！