数学与系统科学研究院

计算数学所学术报告

报告人：Prof. Eric T. Chung

（ *The Chinese University of Hong Kong* ）

报告题目：
GMsFEM and NLMC methods

邀请人： 陈志明 院士

报告时间：2019 年 6 月 10 日（周一）
上午 10:00-11:00

报告地点： 数学院南楼二层
202 教室

Abstract：

The generalized multiscale finite element method (GMsFEM) is a proven effective technique for solving challenging multiscale problems. In this talk, we will present some recent advances on GMsFEM and their extensions. We will also derive a new class of upscaling techniques, called nonlocal multi-continua (NLMC) upscaling. Finally, we present the extensions of these methods to nonlinear problems with the use of deep learning techniques.

欢迎大家参加！