

数学与系统科学研究院

计算数学所学术报告

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报告题目：

**A non-traditional finite element method
for solving interface problems**

邀请人： 郑伟英研究员

报告时间：2018年3月22日（周四）

上午 10:00--11:00

报告地点：数学院科技综合楼

Z311 报告厅

报告摘要：

Interface problems occur frequently when two or more materials meet. The difficulty of solving interface problems is how to capture complex interface geometry and

jump conditions effectively while the PDE is not valid across the interface. I am going to discuss the 2D/3D non-traditional finite element method for solving interface problems. This method can get to second order accuracy for different kinds of PDE with discontinuous matrix coefficients and sharp-edge interfaces on two domains and multiple domains.

欢迎大家参加！