

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Jiye Yang**

( *School of Mathematics and Statistics, Ningxia University* )

报告题目:

**Solution of Fractional Cable  
Equation based on Adomian  
Decomposition Method**

邀请人: 唐贻发 研究员

报告时间: 2016 年 7 月 27 日 (周三)

上午 10:30-11:30

报告地点: 数学院南楼七层

702 会议室

## **Abstract:**

**Adomian decomposition method (ADM) has been intensively used to solve PDE of either linear or nonlinear form because it can give analytical solution of infinite series form. This talk is devoted to solution of fractional cable equation using ADM. Firstly the main idea of ADM will be introduced and then issues related to solution of fractional cable equation will be discussed. Finally we will present a numerical example to illustrate the procedure.**

**欢迎大家参加！**