

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. Zhang Ye**

( *Shenzhen MSU-BIT University* )

报告题目:

**A Revisit on Regularization Theory  
of Ill-posed Inverse Problems**

邀请人: 张文生 研究员

报告时间: 2020 年 12 月 16 日 (周三)

下午 15:00-16:00

报告工具: 腾讯会议 (ID: 878 700 280)

会议链接:

<https://meeting.tencent.com/s/hLccmiJ08pTJ>

## **Abstract:**

**In this talk, I will briefly review the main results in regularization theory of ill-posed inverse problems in the language of functional analysis. I will give some counterexamples for the well-known L-curve method and GCV that are very popular in practice for selecting regularization parameters. If time allows, I will also present some recent results on accelerated regularization schemes based on the generalized asymptotical regularization theory.**

**欢迎大家参加！**