



深圳北理莫斯科大学

УНИВЕРСИТЕТ МГУ-ППИ В ШЭНЬЧЖЭНЕ
SHENZHEN MSU-BIT UNIVERSITY

应用数学讲座

Научный Семинар по Прикладной Математике

Research Seminar on Applied Mathematics

应用数学报告（14）

报告人 / Докладчик / Speaker:

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题目 / Название / Title:

A posteriori error estimation for solutions of ill-posed problems

时间 / Время / Time: 26 April 2021, 16:00-17:00

地点 / Место / Venue: Zoom online meeting

ID: 643 7712 8285

Password: 210426

摘要 / Аннотация / Abstract:

In order to calculate a priori or a posteriori error estimates for solutions of an ill-posed operator equation with an injective operator we need to describe a set of approximate solutions that contains an exact solution. After that we have to calculate a diameter of this set or maximal distance from a fixed approximate solution to any element of this set. We will describe different approaches for constructing a posteriori error estimates.