数学与系统科学研究院

计算数学所网络学术报告

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报告题目：

Integrable discretization and its application in numerical simulation of the ILW equation

邀请人： 常向科 副研究员

报告时间：2020 年 11 月 11 日（周三）

下午 **15:00-16:00**

报告工具：腾讯会议（**ID：596 314 559**）

<u>Abstract</u>：

In this talk, I will talk about a differential-difference intermediate long wave(ILW) equation. It is an integrable discretization of the ILW equation. It's integrability is conformed by general 3-soliton solutions and B\"acklund transformation. We will talk about its possible applications in the numerical calculations of the ILW equation.

欢迎大家参加！