

中国科学院数学与系统科学研究院

## 量子论与信息论

### 学术报告

报告题目: **Some Recent Works Related to PT Symmetry and Quantum Information**

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时 间: 2022 年 11 月 4 日 (星期五) 上午 9:00-10:00

地 点: 腾讯会议 191-334-340

摘 要: In this talk, we talk about some recent works in the field of PT symmetry and quantum information. The dilation problem of PT-symmetric systems is discussed. We will mention Bender's work related to quantum information theory, in which the problems can be addressed by using the concept of dilation. In addition, we will briefly introduce time dependent PT symmetric systems. Some other recent works and new discussions in this field will also be mentioned.