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： **From PT symmetry to Pseudo Hermiticity**

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时 间： **2022 年 10 月 21 日 (星期五) 下午 13:30-14:30**

地 点： 腾讯会议 **808-397-060**

摘 要： In this talk, we introduce the background of PT symmetric quantum theory. We briefly review how Bender and his colleagues put forward the concept of CPT inner product and Mostafazadeh lay the foundation of Pseudo Hermitian theory. It is showed that their study are related to the indefinite inner product in mathematics. In particular, we talk about Bender's toy model and showed how these ideas apply in a clear and natural way.