



## 复旦大学数学科学学院 数学综合报告会

报告题目: The compressed shift operator on Beurling quotient module of Hardy space over bidisk

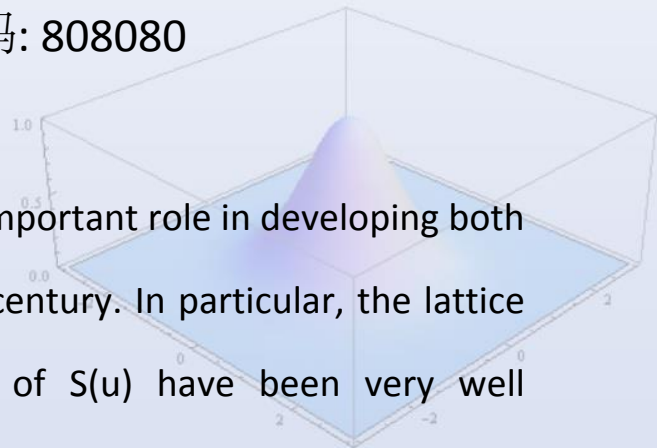
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时间: 2020-11-25 星期三 19:00-20:00

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报告摘要:

The model operator  $S(u)$  have played an important role in developing both function and operator theory over the past century. In particular, the lattice of invariant subspaces and the spectrum of  $S(u)$  have been very well understood. This success led people to study the Hardy space over the bidisk. We are interested in the independent behavior of compressed shift operator  $S_z$  on the Beurling quotient modules. In this talk, we study the invariant subspace, reducibility and spectrum of  $S_z$  on on the Beurling quotient modules. This is joint work with Yufeng Lu and Senhua Zhu.



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