



复旦大学数学科学学院 数学综合报告会

报告题目: Some results on the third of Halmos' ten problem

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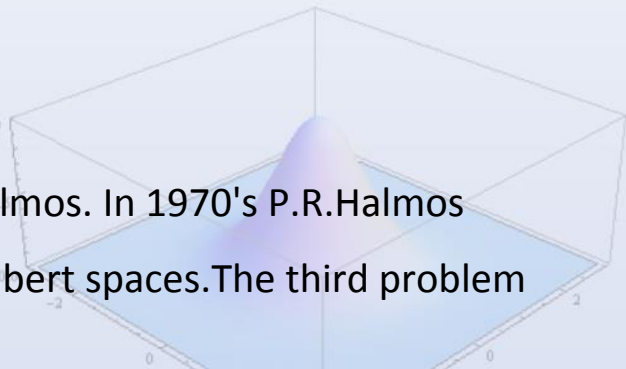
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报告摘要:

A problem closely related to the invariant subspace problem is the third problem of Halmos. In 1970's P.R.Halmos raised ten open problems on operators in Hilbert spaces. The third problem is the following:

Problem 3 If an intransitive operator has an inverse, is its inverse also intransitive?

In this talk, we will introduce some new progresses on this problem.



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