复旦大学数学科学学院
数学综合报告会

报告题目：**The Projective Class Rings of a Family of Pointed Hopf algebras of Rank Two**

报告人：陈惠香

（扬州大学数学科学学院）

报告时间：2017-05-25 星期四 17:15-18:00

报告地点：光华东主楼 2201

摘要：In this paper, we study the representations of a family of pointed Hopf algebras of rank two: the tensor product of two Taft algebras, its two cocycle deformations. It is shown that the projective class rings of the three Hopf algebras are commutative rings generated by three elements, three elements and two elements subject to some relations, respectively. It turns out that even they are cocycle twist-equivalent to each other, they are of different representation types: wild, wild and tame, respectively.

非线性数学模型与方法教育部重点实验室
中法应用数学国际联合实验室
上海市现代应用数学重点实验室
复旦大学数学研究所