数学学院
学术交流展

ACADEMIC EXCHANGE EXHIBITION OF MATHEMATICS COLLEGE

On self-absorption properry for systems Boolean operators and Hankel operators

邱彦奇　武汉大学

【摘要】 In our recent characterization of completely bounded Fourier multipliers between H1 and H2 or H1 and BMOA spaces on torus, we discover the self-absorption property (abbrev. SAP) for the system of basic Hankel operators. In this talk, firstly, an efficient way of checking SAP will be explained for a given family of unit norm Boolean matrices or Boolean operators, secondly, the Hankel operators associated with various cancellative monoids (with the so-called lunar condition and thus including all Abelian cancellative monoids) will be proved have SAP. Many natural conjectures will also be given. The talk is based on joint work with Yong HAN and Zipeng WANG.

2023.6.20 15：30-16：30

会场：文萃楼G124

北京理工大学
数学与统计学院