

2023 泛函分析及空间理论 天元暑期研讨班

Representations of Commutators on Schatten *p*-classes (1

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Abstract

Let C_p be the Schatten *p*-calss for $1 and <math>\mathcal{T}_p$ be the closed subspace of C_p consisting of all lower triangular matrices. In this talk, we focus on the representation for commutators on C_p . Specifically, we will show that a linear bounded operator T is a commutator on C_p if and only if T is not of the form $\lambda I + K$ for some nonzero complex number λ and K is a C_p -strictly singular operator. The main ingredient is our proof is the characterization of commutators on \mathcal{T}_p .

Time: Wednesday, August 9, 2023, 15:00-16:00 Venue: Zheng Xin Building, Room 21

> More information: http://im.hit.edu.cn/2023/0710/c15123a320434/page.htm

