

國立中央大學數學系

專題演講

主 講 人：Prof. Muthukumar P (IIT Kanpur, India)

演講題目：Invariant subspaces of composition operators on H^2

演講時間：2023年07月07日(星期五) 3:00 p.m. ~ 4:00 p.m.

演講地點：中央大學鴻經館M107

Abstract：

Let H^2 denote the Hardy space on the open unit disk $\mathbb{D}$. For a given holomorphic self map φ of $\mathbb{D}$, the composition operator C_φ on H^2 is defined by $C_\varphi(f) = f \circ \varphi$. In this talk, we discuss about Beurling type invariant subspace of composition operators, that is common invariant subspaces of shift (multiplication) and composition operators. We will also consider the model spaces that are invariant under composition operators.