ISOMETRIC COMPOSITION OPERATORS ON THE FOCK–SPACES

ANURADHA GUPTA AND POOJA SHARMA

Abstract. In this paper a necessary and sufficient condition for a holomorphic self map \( \phi \) on \( \mathbb{C}^N \) to induce an isometric composition operator on the Fock space has been obtained. Some necessary and sufficient conditions for a composition operator \( C_\phi \) to be a quasi-isometric and \( m \)-isometric have also been explored.


Keywords and phrases: Composition operators, isometry, Fock spaces.

REFERENCES


