FIXED POINTS OF PARABOLIC WEIGHTED COMPOSITION OPERATORS ON HILBERT FUNCTION SPACES

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Abstract

In this paper, we characterize the fixed points of weighted composition operators $C_{\Phi, \psi}$ acting on Hilbert spaces of analytic functions, where $\Phi = \dfrac{\varphi}{\varphi(w)}$, ψ is of parabolic-automorphism type and φ is nonzero on the Denjoy-Wolff point w of ψ.

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