

HYPONORMALITY ON AN ANNULUS WITH A WEIGHT

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Abstract

Abstract. In this work we consider the hyponormality of Toeplitz operators on the Bergman space of the annulus with a logarithmic weight. We give necessary conditions when the symbol is of the form $\psi + \varphi$ where ψ and φ are analytic on the annulus $\{z \in \mathbb{C}, 1/2 < |z| < 1\}$.

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