

COMMON INVARIANT SUBSPACES OF A FAMILY OF TOEPLITZ OPERATORS

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ABSTRACT. Let Φ be a subset of L^∞ containing H^∞ and T_Φ the family of Toeplitz operators $\{T_\varphi\}_{\varphi \in \Phi}$. In this paper, we study invariant subspaces of T_Φ and their properties. Moreover, we provide a concrete description of nontrivial invariant subspaces of T_Φ for some Φ .

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