

THE COMPLETE NEVANLINNA-PICK PROPERTY FOR BEURLING TYPE QUOTIENT MODULES OVER THE BIDISK

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Abstract. In this paper, we show that for the inner function $\theta(z_1, z_2) \in H^2(\mathbb{D}^2)$, the Beurling type quotient module $\mathcal{H}_\theta = H^2(\mathbb{D}^2) \ominus \theta H^2(\mathbb{D}^2)$ over the bidisk has complete Nevanlinna-Pick property if and only if θ is a one-variable Möbius map.

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