
TRIEU LE, University of Toledo

Commutants of Separately Radial Toeplitz Operators on the Bergman Space

If φ is a bounded separately radial function on the unit ball, the Toeplitz operator T_φ is diagonalizable with respect to the standard orthogonal basis of monomials on the Bergman space. Given such a function φ , we characterize bounded functions ψ for which T_ψ commutes with T_φ . Several examples will be discussed to illustrate our results.