

NONCOHERENCE OF THE MULTIPLIER ALGEBRA OF THE DRURY–ARVESON SPACE H_n^2 FOR $n \geq 3$

AMOL SASANE

Abstract. Let H_n^2 denote the Drury-Arveson Hilbert space on the unit ball \mathbb{B}_n in \mathbb{C}^n , and let $\mathcal{M}(H_n^2)$ be its multiplier algebra. We show that for $n \geq 3$, the ring $\mathcal{M}(H_n^2)$ is not coherent.

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