

JORDAN DERIVATIONS ON BLOCK UPPER TRIANGULAR MATRIX ALGEBRAS

HOGER GHAHRAMANI

Abstract. We provide that any Jordan derivation from the block upper triangular matrix algebra $\mathcal{T} = \mathcal{T}(n_1, n_2, \dots, n_k) \subseteq M_n(\mathcal{C})$ into a 2-torsion free unital \mathcal{T} -bimodule is the sum of a derivation and an antiderivation.

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