

PROPERTIES OF EXTENDED MATRIX ALGEBRA

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ABSTRACT

We have lots of properties of traditional matrix algebra. Some of these properties are studied and extended in [1-5]. Here we extend some more properties in extended matrix algebra on $M(F)$, the set of all matrices over a given field F [1, 3]. Also following [1-11], we are motivated to introduce some new properties in extended matrix algebra on $M(F)$.

KEYWORDS: Eigen Value, Extended Matrix Algebra