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**Lia Vas\*** ([1.vas@usciences.edu](mailto:1.vas@usciences.edu)), University of the Sciences, 600 S 43rd St, Philadelphia, PA 19104. *K-theory classification of algebras which are more general than they seem.*

If  $R$  is a graded ring with involution, the group  $K_0^{\text{gr}}(R)$  takes over the role of the standard Grothendieck group  $K_0(R)$ . We show that  $K_0^{\text{gr}}$  completely classifies graded ultramatricial  $*$ -algebras over a graded field with a “nice enough” involution. This result may seem to be a specialization of the well known classification results of ultramatricial algebras over a field because it may appear as if we are adding structure to the field. However, we illustrate that it is actually a generalization: if the grading is trivial and the involutive structure is not considered, our result implies the well known classification. If either the involutive structure is not considered or the grading is trivial, we obtain some other well known results as corollaries. As an application, we show that the graded version of the Isomorphism Conjecture holds for a class of Leavitt path algebras.

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