

A NOTE ON THE STRUCTURE OF MATRIX *-SUBALGEBRAS WITH SCALAR DIAGONALS

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Abstract. We characterize those unital, self-adjoint algebras of complex $n \times n$ matrices that are simultaneously unitarily similar to algebras in which every member has a scalar diagonal.

Mathematics subject classification (2010): 15A04, 15A21.

Keywords and phrases: Unitary similarity, scalar diagonals, self-adjoint subalgebras of matrices.

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