

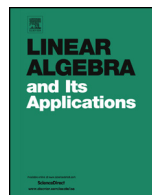


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## Automorphisms of dense subrings of the endomorphism ring of a free module

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### ABSTRACT

In this paper, we study the conditions under which an automorphism of a dense subring of the endomorphism ring of a free module is induced by a semilinear isomorphism of the module. This leads us to obtain some known results from the works of Bezushchak (2022) [7], Courtemanche and Dugas (2016) [6], Wolfson (1962) [8] and Jacobson (1975) [5], along with several nontrivial generalizations.

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