Fagundes, Pedro S.
The images of multilinear polynomials on strictly upper triangular matrices. (English)
Zbl 1403.16028
Linear Algebra Appl. 563, 287-301 (2019).

Summary: The purpose of this paper is to describe the images of multilinear polynomials of arbitrary degree on the strictly upper triangular matrix algebra.

MSC:
16S50 Endomorphism rings; matrix rings
15A54 Matrices over function rings in one or more variables

Keywords:
Lvov-Kaplansky conjecture; multilinear polynomials; strictly upper triangular matrices

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References:

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