

## LINEAR LIE CENTRALIZERS OF THE ALGEBRA OF STRICTLY BLOCK UPPER TRIANGULAR MATRICES

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*Abstract.* Let  $\mathcal{N}$  be the algebra of all  $n \times n$  strictly block upper triangular matrices over a field  $\mathbb{F}$ . In this paper, we describe all linear Lie centralizers of  $\mathcal{N}$ . We also show that every linear Lie centralizer of  $\mathcal{N}$  is a centralizer.

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