Evgenii L. Bashkirov, Esra Pekönür

On matrix Lie rings over a commutative ring that contain the special linear Lie ring

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Abstract: Let K be an associative and commutative ring with 1, k a subring of K such that $1 \in k$, $n \geq 2$ an integer. The paper describes subrings of the general linear Lie ring $gl_n(K)$ that contain the Lie ring of all traceless matrices over k.

Keywords: Lie rings; commutative associative rings
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