Rismanchian, Mohammad Reza; Araskhan, Mehdi
Some properties of the c-nilpotent multiplier and c-covers of Lie algebras.

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Reviewer: Jörg Feldvoss (1-SAL; Mobile, AL)

This paper discusses some properties of $c$-nilpotent multipliers and $c$-covers of Lie algebras which have well-known analogues for groups. For example, the authors characterize the $c$-stem covers of those Lie algebras whose $c$-nilpotent multipliers are Hopfian. Note that a Lie algebra $L$ is called *Hopfian* if every surjective endomorphism of $L$ is an automorphism and that a *$c$-stem cover* of $L$ is a $c$-central extension $E$ of $L$ such that its kernel is contained in the $(c + 1)$-th term of the lower central series of $E$ and is isomorphic to the $c$-nilpotent multiplier of $L$. 