

D. MILLIONSCHIKOV
Moscow State University
Moscow, Russia
million@higeom.math.msu.su

Residually nilpotent Lie algebras of maximal class

Residually nilpotent Lie algebras of maximal class are infinite dimensional analogues of filiform Lie algebras that were introduced by Vergne. We'll discuss the cohomology theory of this class of Lie algebras as well the relations with Buchstaber's conjecture on Landweber-Novikov algebra.