The Kurosh Problem for Jordan Nil Systems over Arbitrary Rings of Scalars

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We show that quadratic Jordan nil algebras of bounded degree, and, more generally, quadratic Jordan nil algebras satisfying a polynomial identity, are locally nilpotent. We also extend these results to Jordan pairs and triple systems.

The results are included in a paper with the same title [1], jointly written by José A. Anquela, Efim Zelmanov, and the author of this poster, that has appeared recently in *Journal of Algebra*.

References


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