Model theory of Kac-Moody and Chevalley groups

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We consider new results on interrelations between geometric similarity and geometric equivalence of algebras. These notions play a crucial role in universal algebraic geometry. In fact, they are responsible for description of radical ideals and, correspondingly, for abilities to solve equations in algebras from a given variety. The results rely, to a great extent, on the recent papers of G.Zhitomirsky. A.Tsurkov and E.Aladova. If time permits, I also touch the problem of finitely generated isotypic groups.