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Central involutions in strongly embedded subgroups

Jeffrey Burdges
Rutgers University

There is a longstanding conjecture, due to Gregory Cherlin and Boris Zilber, that all simple groups of finite Morley rank are simple algebraic groups. We will discuss the elimination of the number theoretic application of tameness from the Cherlin-Jaligot analysis of minimal connected simple groups. This is one of two recent breakthroughs in our effort to bound the complexity of the Sylow 2-subgroup of a minimal counter example to the Cherlin-Zilber algebraicity conjecture.