

On Mordell-Lang in algebraic groups of unipotent rank 1

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In the previous ICERM workshop, Tom Scanlon raised the question of whether the (classical, i.e., non-dynamic) Mordell-Lang conjecture remains true in algebraic groups of unipotent rank 1 (with additional hypotheses on the closed subvariety S). I will discuss some initial work in progress on this question, focusing on the Lang exceptional set of S .