



Mathematics and CS Seminar

Rational points over C_1 fields.

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In the 1950s Lang studied the properties of C_1 fields, that is, fields over which every homogeneous polynomial of degree at most n in $n+1$ variables has a nontrivial solution. Around 2000 he conjectured that smooth proper rationally connected varieties over C_1 fields have rational points. I will introduce the conjecture and show how to find points on complete intersections of forms of products of projective spaces over C_1 fields of characteristic 0.

Thursday, November 22, 2018 01:30pm - 03:30pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



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