Algebra Seminar

Speaker:

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Wednesday, April 4 , 2018
2:00 p.m., HH-3017

Do polynomial identities distinguish simple algebras?

Abstract:

We discuss the question if the polynomial identities of a given algebra completely define the algebra. It turns out that the best known result is due to Razmyslov. In this seminar, we give the proof of Razmyslov's Theorem. We use this theorem to prove that finite dimensional simple graded algebras are defined by their graded identities.