

Graded Division Algebras.

Yuri Bahturin (Memorial University of Newfoundland, visiting University of Manchester)

Abstract:

Graded division algebras play an important role in the classification theory of finite-dimensional associative, Lie and Jordan algebras. I will describe the current state of the theory of these algebras, with an emphasis on the base field of coefficients, which does not need to be algebraically closed or of characteristic zero.