Gevrey Regularity of Solutions for a Class of Kinetic Equations and Monge-Ampere Equations

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Abstract

In this talk, we shall give some recent results on Gevrey regularity of solutions for a class of linear and nonlinear Kinetic equations, which are related to Boltzmann and Landau equations. Also we shall talk some recent results on the regularity problem for Monge-Ampere equations.