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*Equivalence of Weak and Viscosity Solutions to the  $p$ -Laplace equation in Grushin-type spaces.*

In this talk, we discuss the  $p$ -Laplace equation in Grushin-type spaces. We show that the weak solutions from nonlinear potential theory are precisely the viscosity solutions and obtain a comparison principle for the viscosity solutions. (Received February 06, 2006)