

Gevery Regularity of Solutions for a class of Degenerate Monge Ampere Equations

Chen Hua

Abstract

In this talk, we shall consider the regularity problem for a class of two-dimensional degenerate Monge-Ampere equations. We know that, in this case, the solution is smooth if the principal curvature of the solution is positive. Here we prove that, under the same conditions, the solution would have Gevery regularity. Finally I would be happy to review the story about friendship and cooperation between Wuhan and Potsdam groups on PDEs.