# HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ
# GENEL SEMİNERİ

# (HACETTEPE UNIVERSITY MATHEMATICS GENERAL SEMINAR)

**Tarih (Date):** 17.06.2015, Çarşamba (Wednesday)

**Saat (Time):** 14:00

**Yer (Place):** Yaşar ATAMAN Seminer Salonu

**Konuşmacı (Speaker):** Prof. Dr. Anatolij Prykarpatski

**Başlık (Title):** Analysis of Solutions to a Noncanonical Hamilton- Jacobi Equation based on the Generalized Characteristics Method and the Hopf-Lax Representations

**Özet (Abstract):**

The Cauchy problem for a noncanonical nonlinear Hamilton_Jacobi equation is studied using the method of generalized characteristics. The Hopf_Lax representation and a recent generalization of the Leray_Schauder fixed point theorem also are used to analyze the solutions.