Spring Lecture Series N.11
Viscosity Solutions of Hamilton-Jacobi Equations (1986)

Principal Lecturer: Michael G. Crandall, University of Wisconsin

Contributions By:

R. Gariepy

Title: Blow-up, compactness and partial regularity in the Calculus of Variations

P. E. Souganidis

Title: Large Deviations and Viscosity Solutions

S. Lenhart

Title: Viscosity Solutions associated with switching control problem for piecewise-deterministic processes

R. R. Jensen

Title: Uniqueness of second order viscosity solutions

N. Yamada

Title: The Hamilton Jacobi Bellman equation with gradient constraint

E. N. Barron

Title: Pontryagin's maximum principle and viscosity solutions to the Bellman equation

H. M. Soner

Title: The propagation of singularities of the viscosity solutions

H. Ishii

Title: On representation of solutions for Hamilton-Jacobi equations

R. Sanders

Title: Approximation techniques for first order partial differential equations

J. H. G. Fu

Title: Geometric properties of semi-concave functions

R. T. Newcomb

Title: Viscosity solutions at the boundary

H. Engler

Title: Boundary value and no boundary value problems: Existence and regularity of solutions