The Hong Kong University of Science and Technology

Department of Mathematics

<u>Seminar on PDE</u>

Uniqueness and existence of viscosity solutions for a class of integro-differential equations

By

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<u>Abstract</u>

We present comparison theorems and existence of viscosity solutions for a class of nonlocal equations. This class of equations includes Bellman-Isaacs equations containing operators of Levy type with measures depending on the state variable and control parameters.

Date :   *Monday, 21 August 2017*

Time: *2:00 p.m. – 3:00 p.m.*

Venue: *Room 3472, Academic Building (near Lifts 25&26), HKUST*

All are welcome!