The Hong Kong Polytechnic University
Department of Applied Mathematics

Colloquium

Cross diffusion equations

by

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Abstract

Cross diffusion equations appear in many models coming out of physics and biology. Many mathematical difficulties make those equations particularly interesting to researchers in PDEs. We will explain how Lyapunov functionals and duality lemmas play a key role in some of the most famous models featuring cross diffusion.

Date :   14 November, 2018 (Wednesday)
Time :   11:00a.m. – 12:00noon
Venue : TU801, The Hong Kong Polytechnic University

* * *   ALL ARE WELCOME   * * *