The Hong Kong Polytechnic University
Department of Applied Mathematics

Colloquium

Vanishing Viscosity Limit for Viscoelast Fluids

by

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Abstract

The global well-posedness of 2D incompressible viscoelasticity was solved by Lin-Liu-Zhang on 2005. The corresponding elastic case was solved very recently. In this talk we report our recent result on the vanishing viscosity limit from viscoelasticity to elasticity in 2D. The limit holds for all time t \geq 0.

Date :   28 December, 2016 (Wednesday)
Time :   2:30p.m – 3:30p.m
Venue : TU801, The Hong Kong Polytechnic University

* * *   ALL ARE WELCOME   * * *