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Seminar

Interior curvature estimate for scalar curvature equation

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Abstract

The interior regularity for scalar curvature equation is a longstanding problem in fully nonlinear PDE theory. Joint with Professor Guan, we partially solved this problem under some convexity condition in any dimensions. In Euclidean three-space, I proved the purely interior curvature estimate for scalar curvature equation. I will talk about my new observation to the scalar curvature equation in dimension three.

Date: 13 April 2018 (Friday)
Time: 11:00am – 12:00noon
Venue: Room 222, Lady Shaw Building,
The Chinese University of Hong Kong, Shatin

All are Welcome