

学术报告

Classification of nonnegative solutions to some nonlinear Schrodinger systems involving the fractional Laplacian and its applications.

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Time: 11:00-12:00, 28 Sep (Friday), 2018

Venue: Room 111, Center for Applied Mathematics

Abstract: We classify the nonnegative solutions of some non-cooperate Schrodinger systems involving the fractional Laplacian based on the extension method introduce by Caffarelli and Silvestre. As a byproduct, we obtain new Liouville theorem and sharp vector-valued Gagliardo-Nirenberg type inequality involving fractional Laplacian.

欢迎大家参加！