

学术报告

Singular Perturbation Problem for Generalized
Choquard Equations

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Time: 14:30-15:15, May 10 (Thursday) 2018

Venue: Room 111, Center for Applied Mathematics

Abstract: We study the singular perturbation problem for a class of generalized Choquard equations:

$$\begin{aligned} & \varepsilon^2 \Delta u \\ & + V(x)u = (I_\alpha * F(u))f(u) \end{aligned}$$

We study the existence and multiplicity of concentrating solutions using variational methods. Especially, we give an existence result for locally sublinear case.

This is a joint work with S. Cingolani

欢迎大家参加！