

MULTIPLE SOLUTIONS OF NONHOMOGENEOUS CHOUQUARD'S EQUATIONS

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摘要 In this paper, we consider the existence of solutions for the following equation: where $g(x) \geq 0$, $g(x) \neq 0$, and $g(x) \in H^{-1}(\mathbb{R}^3)$. We prove that there exists a constant C , if $\|g(x)\|_{H^{-1}} \leq C$, there are at least two solutions of the equation.

关键词 [Multiple Solutions](#), [Existence](#),

分类号

MULTIPLE SOLUTIONS OF NONHOMOGENEOUS CHOUQUARD'S EQUATIONS

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Abstract In this paper, we consider the existence of solutions for the following equation: where $g(x) \geq 0$, $g(x) \neq 0$, and $g(x) \in H^{-1}(\mathbb{R}^3)$. We prove that there exists a constant C , if $\|g(x)\|_{H^{-1}} \leq C$, there are at least two solutions of the equation.

Key words [Multiple Solutions](#), [Existence](#), [Choquard's Equation](#)

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