

Multiple solutions for a generalized critical noncooperative Schrödinger system in \mathbb{R}^N

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Abstract

In this paper, we study the multiplicity of solutions for a class of noncooperative Schrödinger-type system involving a general variable exponent elliptic operator with critical nonlinearity in \mathbb{R}^N . Under suitable assumptions, we obtain a sequence of solutions by using the Limit Index Theory due to Li (missing citation) and the version of concentration-compactness principle.

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References