



## [논문]Schrödinger $\#(\#)$ -Laplace equations in $\#\#$ involving indefinite weights and critical growth

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논문제목(Title)	[논문]Schrödinger $\#(\#)$ -Laplace equations in $\#\#$ involving indefinite weights and critical growth
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초록(Abstract)	We study a class of critical Schrödinger $\#(\#)$ -Laplace equations in $\#\#$ , with reaction terms of the concave-convex type and involving indefinite weights. The class of potentials used in this study is different from that in most existing studies on Schrödinger equations in $\#\#$ . We establish a concentration-compactness principle for weighted Sobolev spaces with variable exponents involving the potentials. By employing this concentration-compactness principle and the Nehari manifold method, we obtain existence and multiplicity results for the solution to our problem.
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