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Existence of solutions for a class of Kirchhoff-type equations involving degenerate elliptic operator. (Chinese. English summary) Zbl 07404434

Summary: By using the Mountain Pass Theorem in critical point theory, the existence of solutions for a class of Kirchhoff type equations involving degenerate elliptic operators is proved under suitable assumptions. The results improve and generalize some of the corresponding existing results.

MSC:
35J70 Degenerate elliptic equations

Keywords:
Kirchhoff type problems; degenerate elliptic operators; Mountain Pass Lemma