MULTIPLE SOLUTIONS TO THE NONHOMOGENEOUS KIRCHHOFF TYPE PROBLEM INVOLVING A NONLOCAL OPERATOR

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Abstract. This paper examines the nonhomogenous Kirchhoff type equation that involves a nonlocal operator. Using Ekeland’s variational principle and the Mountain pass theorem, the existence of multiple solutions is established.


Keywords and phrases: Kirchhoff type problem, non-local integrodifferential operator, Ekeland’s variational principle, Mountain pass theorem.

REFERENCES
