

EXISTENCE OF SOLUTIONS TO AN IMPULSIVE DIRICHLET BOUNDARY VALUE PROBLEM

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Abstract. In this paper, the authors establish the existence of nontrivial classical solutions for a class of Dirichlet boundary value problems with impulsive effects. The approach is based on variational methods and critical point theory.

Key Words and Phrases: Nontrivial solution, Dirichlet boundary value problem, impulsive effects, critical point theory, variational methods.

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