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Existence of extremal solutions of a three-point boundary value problem for a general second order p-Laplacian integro-differential equation

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Abstract

In this paper, we prove the existence of extremal positive, concave and pseudo-symmetric solutions for a general three-point second order p-Laplacian integro-differential boundary value problem by using an abstract monotone iterative technique.

Author Keywords

Extremal solutions; Integro-differential equations; Nonlocal conditions; p-Laplacian