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Higher Order p -Laplacian Boundary Value Problems with Integral Boundary Conditions on the Half-Line

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Abstract

In this work, we apply the extension of Mawhin's coincidence degree theory by Ge and Ren to show existence of at least one solution to the nonlinear higher order p -Laplacian boundary value problems with integral boundary conditions on the half-line. The results obtained generalizes and compliments existing results in the literature. An example will be used to validate our result.

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