

A CLASS OF NONLINEAR THIRD-ORDER BOUNDARY VALUE PROBLEM WITH INTEGRAL CONDITION AT RESONANCE

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Abstract. We are interested in the existence result for a class of nonlinear third-order three-point boundary value problem with integral condition at resonance. By constructing suitable operators, we establish an existence theorem upon the coincidence degree theory of Mawhin. The result are illustrated with an example.

Mathematics subject classification (2010): 34B15, 34B18.

Keywords and phrases: Boundary value problem at resonance, coincidence degree theory, Fredholm operator, integral condition.

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