NONLINEAR FRACTIONAL DIFFERENTIAL INCLUSIONS WITH ANTI-PERIODIC TYPE INTEGRAL BOUNDARY CONDITIONS

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Abstract
This article studies a boundary value problem of nonlinear fractional differential inclusions with anti-periodic type integral boundary conditions. Some existence results are obtained via fixed point theorems. The cases of convex-valued and nonconvex-valued right hand sides are considered. Several new results appear as a special case of the results of this paper.

Keywords: fractional differential inclusions, anti-periodic, integral boundary conditions, existence, fixed point theorems.

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References


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