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Some existence results for boundary value problems of fractional differential inclusions with non-separated boundary conditions (2010) *Electronic Journal of Qualitative Theory of Differential Equations*, . Cited 3 times.

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Abstract

In this paper, we study the existence of solutions for a boundary value problem of differential inclusions of order q ϵ (1, 2] with non-separated boundary conditions involving convex and non-convex multivalued maps. Our results are based on the nonlinear alternative of Leray Schauder type and some suitable theorems of fixed point theory.

Author Keywords

Existence; Fixed point theorems; Fractional differential inclusions; Non-separated boundary conditions; Nonlinear alternative of leray schauder type

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