EXISTENCE OF SOLUTIONS FOR THREE-POINT BOUNDARY VALUE PROBLEM FOR NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS

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Abstract. In this paper, we investigate the existence of solutions for nonlinear fractional differential equations supplemented with three-point boundary conditions. The existence result is obtained by using Krasnoselskii’s fixed point theorem, and is illustrated with an example.

REFERENCES


Key words and phrases. Fractional differential equations; existence; nonlocal boundary; fixed-point theorem.


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