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Some existence results for fractional integro-differential equations with nonlinear conditions
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Abstract
This paper studies some existence and uniqueness results in a Banach space for a fractional integro-differential equation with nonlinear condition (t) = f{t,x{t)) + o k(t,s,x{s))ds, t [0,T], 0 < q < 1, x;(0) = x 0 - g(x). The contraction mapping principle and Krasnoselskii's fixed point theorem are employed to establish the results. © Dynamic Publishers, Inc.

Author Keywords
Contraction principle; Fractional integro-differential equations; Kras- noselskii's fixed point theorem.

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