A GENERALIZATION OF DARBO’S FIXED POINT THEOREM WITH AN APPLICATION TO FRACTIONAL INTEGRAL EQUATIONS

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Abstract. In this paper, we give a new generalization of Darbo’s fixed point theorem of integral type. An application for the solvability of nonlinear fractional integral equation is given to illustrate our result.


Keywords and phrases: Fixed point, measure of noncompactness, Darbo’s theorem, fractional integral equation.

REFERENCES


