

ON A STURM–LIOUVILLE TYPE DIFFERENTIAL INCLUSION OF FRACTIONAL ORDER

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Abstract. The existence of solutions for a Sturm-Liouville type differential inclusion of fractional order is investigated. New results are obtained by using suitable fixed point theorems when the right hand side has convex or non convex values.

Mathematics subject classification (2010): 34A60.

Keywords and phrases: Differential inclusion, measurable selection, fractional derivative.

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