

ON THE SOLUTION SET OF A NONCONVEX NONCLOSED SECOND ORDER DIFFERENTIAL INCLUSION

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Abstract. We consider a nonconvex and nonclosed second order differential inclusion with mixed boundary conditions and we prove the arcwise connectedness of the solution set.

Key Words and Phrases: mixed bilocal problem, set-valued contraction, fixed point.

2000 Mathematics Subject Classification: 34A60, 47H10.

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Received: September 27, 2006; Accepted: January 22, 2007.