

Adrian Petrusel

*Fixed points for multifunctions on generalized metric spaces
with applications to a multivalued Cauchy problem*

Comment.Math.Univ.Carolinae 38,4 (1997) 657-663.

Abstract: The purpose of this paper is to prove an existence result for a multivalued Cauchy problem using a fixed point theorem for a multivalued contraction on a generalized complete metric space.

Keywords: generalized metric space, multivalued contraction, fixed points

AMS Subject Classification: 34A60, 47H10