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COMMON FIXED POINT THEOREMS FOR COMMUTINGS k-UNIFORMLY LIPSCHITZIAN MAPPINGS IN METRIC SPACES

M.Elamrani, A. Mbarki and B.Mehdaoui

Abstract. In this paper we give a common fixed points existence theorems for any sequence of commuting k-uniformly Lipschitzian mappings (eventualy for $k = 1$ for any sequence of commutings nonexpansive mappings) defined on a bounded and complete metric space (X, d) with uniform normal structure. After that we deduce, by using the T.C.Lim an J.Kulesza result [11], that this result can be generalized for any family of commutings k-uniformly Lipschitzian mappings.

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Département de mathématiques et Informatique
Université Mohamed I Oujda, Maroc
E-mail : elamrani, mbarki, mehdaoui@sciences.univ-oujda.ac.ma