ON A HOMEOMORPHISM THEOREM

Vasile BERINDE

1. INTRODUCTION

In most applications of the fixed point theorems the ambient complete metric space is actually a Banach space. Because of this richer structure, a generalized contraction principle leads to a result especially useful in applications, as in the case of contraction mapping principle [6].

In this paper we give a generalization of the following homeo-morphism theorem due to DUGUNDJI and GRANAS [6], Corollary 2.2.