Electronic Journal: Southwest Journal of Pure and Applied Mathematics Internet: http://rattler.cameron.edu/swjpam.html ISSN 1083-0464 Issue 2, December 2003, pp. 18–25. Submitted: February 17, 2003. Published: December 31 2003.

## FIXED POINTS FOR NEAR-CONTRACTIVE TYPE MULTIVALUED MAPPINGS

## Abderrahim Mbarki

ABSTRACT. In the present paper we prove some fixed point theorems for nearcontractive type multivalued mappings in complete metric spaces. these theorems extend some results in [1], [5], [6] and others

## A.M.S. (MOS) Subject Classification Codes. 47H10

Key Words and Phrases. Fixed points, multivalued mapping, near-contractive conditions,  $\delta$ -compatible mappings.

Department of Mathematics, Faculty of Science, Oujda University, Morocco mbarki@sciences.univ-oujda.ac.ma ©2003 Cameron University

Typeset by  $\mathcal{A}_{\!\mathcal{M}}\!\mathcal{S}\text{-}T_{\!E}\!X$