

An Extension of Nadler's Fixed Point Theorem

Oo Oo Khine*

Abstract

In this paper, the concepts of multi-valued contraction mappings on complete metric spaces are discussed with some illustrated examples. Nadler's multi-valued fixed point theorem is stated. The simpler proof of a generalization of Nadler's multi-valued fixed point theorem is established.

Key words: teachers' job satisfaction, teacher commitment

* Lecturer, Department of Mathematics, Yangon University of Education