Some Fixed Point Theorems In Fuzzy N Normed Spaces

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Some Fixed Point Theorems In

The Lefschetz fixed-point theorem (and the Nielsen fixed-point theorem) from algebraic topology is notable because it gives, in some sense, a way to count fixed points. There are a number of generalisations to Banach fixed-point theorem and further; these are applied in PDE theory. See fixed-point theorems in infinite-dimensional spaces.

Fixed-point theorem - Wikipedia

An element of is said to be a fixed point of a self-mapping on,if. For a set-valued mapping,we call a fixed point of the set-valued mapping every element of that verify. The two most important results in fixed point theory, are without contest, the Banach contraction principle (BCP for short) and Tarski’s fixed point theorem.

Some Fixed Point Theorems in Modular Function Spaces ...

Some fixed points theorems can be stated in the form that the number of fixed points must be an odd number. Since zero is not an odd number this means that there must be at least one fixed point.

Fixed Point Theorems - San Jose State University

where , then has a unique fixed point (say), and is -continuous at . Proof. From the previous theorem, we have that has a unique fixed point (say u), that is, . But , so is another fixed point for and by uniqueness . Theorem 2.4. Let be a complete -metric space, and let be a mapping which satisfies the following condition for all

Fixed Point Theorems for Contractive Mappings in Complete ...

Some Fixed Point Theorems Of Functional Analysis By F.F. Bonsall Notes by K.B. Vedak No part of this book may be reproduced in any form by print, microfilm or any other means with-out written permission from the Tata Institute of Fundamental Research, Colaba, Bombay 5 Tata Institute of Fundamental Research Bombay 1962

Lectures On Some Fixed Point Theorems Of Functional Analysis

Some new fixed point theorems for ... Amini-Harandi A, Emami H: A fixed point theorem for contraction type maps in partially ordered metric spaces and applications to ordinary differential equations. Nonlinear Anal. 2010, 72: 2238–2242. 10.1016/j.na.2009.10.023.

Some new fixed point theorems for α -Geraghty contraction ...

The purpose of this work is to study some properties of “Generating space of b-quasi-metric family”(simply G bq-family) and derive some fixed point theorems using some standard contractions.Presented theorems extend and generalize many well-known results in the literature of fixed point theory .

Some fixed point theorems in generating space of b-quasi ...

In this section, we give some fixed point theorems arising from b-metric spaces. Also, we find an intersting comparison between (usual) metric spaces and b-metric spaces. Our first theorem about

Banach’s contraction princible in b-metric spaces. Theorem 1.

On Some Well Known Fixed Point Theorems in b -Metric Spaces
Motivated by the results above, we introduce some class of mappings satisfying rational type inequalities in modular metric spaces. We prove some theorems on the existence and uniqueness of fixed point for our newly introduced Reich-type contraction mappings and Geraghty-type mappings satisfying rational inequalities in modular metric spaces.

Some fixed point theorems for mappings satisfying rational ...
Nevertheless, there is a corollary of the Banach fixed point theorem: if an operator T n is a contraction for some n in N, then T has a unique fixed point. Before applying this theorem to the Picard operator, recall the following:

Picard–Lindelöf theorem - Wikipedia
Some basic fixed point theorems, such as Kakutani’s and Browder’s, are generalized so that we could apply them to game theoretic and economic equilibrium existence problems with non-ordered preferences having neither global continuity nor convexity conditions.

Fixed point theorems and the existence of economic ...
In [10] some basic properties of FMS studied and the Baire Category Theorem for FMS proved. Further, some properties such as separability, countability are given and Uniform Limit Theorem is proved in [11]. Afterward, FMS has used in the applied sciences such as fixed point theory, image and signal processing, medical imaging, decision-

Research Article FIXED POINT THEOREMS IN NEUTROSOPHIC ...
We prove some theorems on the existence and uniqueness of fixed point for Reich-type contraction mappings and Geraghty-type mappings satisfying ration…

Some fixed point theorems for mappings satisfying rational ...
The aim of this paper is to prove some fixed point theorems for multivalued maps satisfying different inequalities based on Wardowski’s technique in complete metric spaces.

(PDF) Some fixed point theorems for multivalued mappings ...
Some Fixed Point and Common Fixed Point Theorems in 2-Banach Spaces A.S.Saluja, Alkesh Kumar Dhakde Govt. J.H. P.G. College Betul (M.P.), India IES College of Technology Bhopal (M.P.), India Abstract: In the present paper we prove some fixed point and common fixed point theorems in 2-Banach spaces for new rational expression.

Some Fixed Point and Common Fixed Point Theorems in 2 ...
In this paper, inspired by the concept of b-metric space, we introduce the concept of extended b-metric space. We also establish some fixed point theorems for self-mappings defined on such spaces. Our results extend/generalize many pre-existing results in literature.

A Generalization of b-Metric Space and Some Fixed Point ...
Some Fixed Point and Common Fixed Point Theorems of Integral Expression on 2-Banach Spaces 1Mrs. Jyoti Gupta, 2Dr.K.Qureshi Add. Director(Rtd), Dr. Anupama Gupta3 1The Research scholar of M. V. M. Bhopal (M.P.) 3Dept. of B.U.I.T. Bhopal (M. P.) Abstract- In the present paper we prove some fixed point and

Some Fixed Point and Common Fixed Point Theorems of ...
Some Fixed Point Theorems in 2-Metric Spaces Vishal K. Gupta, Sharanjit Singh, Ravinder Kumar In the present paper we prove two common fixed theorems for four mappings in complete 2-metric spaces. This theorem is a version of many fixed point theorems in complete metric spaces, given by many authors announced in the literature.

Some Fixed Point Theorems in 2-Metric Spaces | Semantic ...
Ćirić and Prešić developed the concept of Prešić contraction to Ćirić-Prešić type contractive mappings in the background of a metric space. On the other hand, Altun and Olgun introduced Perov type F-contractions. In this paper, we extend the concept of

Ćirić-Prešić contractions to Perov-Ć ...