

Some Fixed Point Theorems In Fuzzy N Normed Spaces

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Some Fixed Point Theorems In

List of fixed-point theorems Atiyah–Bott fixed-point theorem Banach fixed-point theorem Borel fixed-point theorem Browder fixed-point theorem Brouwer fixed-point theorem Caristi fixed-point theorem Diagonal lemma, also known as the fixed-point lemma, for producing self-referential sentences of ...

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 ...

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 ...

a coupled fixed point of a mapping $F: X \times X \rightarrow X$ if and only if $F(x; y) = x$ and $F(y; x) = y$ Since then, the existence of coupled fixed point theorems for some kind of contractive type mappings in partially ordered metric spaces, with applications has been investigated by some authors. For example, Bhaskar and Lakshmikantham (2006), Berinde

Study Of Some Coupled Fixed Point Theorems In Partially ...

Some Fixed Point Theorems in Metrically Convex Spaces A fixed point theorem is proved in a complete metrically convex metric space. Our result generalizes the theorems of Assad [1] and Chatterjea [4]. 2000 Mathematics Subject Classification: 54H25, 47H10 Key words and phrases: Banach space, metrically convex space, fixed point 1.

Some Fixed Point Theorems in Metrically Convex Spaces ...

@inproceedings{Gupta2012SomeFP, title={Some Fixed Point Theorems in 2-Metric Spaces}, author={Vishal Kumar Gupta and Sharanjit Singh and Ravinder Kumar}, year={2012} } In the present paper we prove two common fixed theorems for four mappings in complete 2-metric spaces. This theorem is a version of ...

Some Fixed Point Theorems in 2-Metric Spaces | Semantic ...

Some results concerning fixed-point theorems for nonexpansive mappings on linear topological spaces have recently been obtained by Taylor and also Tarafdar. These results hold for nonexpansive mappings on a complete bounded set of a linear topological space.

Some fixed-point theorems on locally convex linear ...

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 ...

Employing the common property (E.A), we prove some common fixed point theorems for weakly compatible mappings via an implicit relation in Menger PM spaces. Some results on similar lines satisfying quasicontraction condition as well as ϕ -type contraction condition are also proved in Menger PM spaces. Our results substantially improve the corresponding theorems contained in (Branciari, (2002 ...

Some Common Fixed Point Theorems in Menger PM Spaces ...

The prototype of theorems in this class is the Brouwer Fixed Point Theorem, which states that a fixed point exists provided X is a compact and convex subset of \mathbb{R}^n . In contrast, the Contraction Mapping Theorem (Section 3) imposes a strong continuity condition on f but only very weak conditions on X .

Fixed Point Theorems - Arts & Sciences Pages

Some fixed point theorems for (α, ψ) -rational type contractive mappings Article (PDF Available) in Fixed Point Theory and Applications 2015(1):97 · June 2015 with 222 Reads

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Existence of fixed points in partially ordered sets has been considered recently in [], and some generalizations of the result of [] are given in [2-6]. Also, in [] some applications to matrix equations are presented, in [3, 4] some applications to periodic boundary value problem and to some particular problems are, respectively, given. Later, in [] O'Regan and Petruşel gave some existence ...

Some Fixed Point Theorems on Ordered Metric Spaces and ...

[9] Z. Mustafa and B. Sims, "Fixed point theorems for contractive mappings in complete G-metric spaces," Fixed Point Theory and Applications, vol. 2009, Article ID 917175, 10 pages, 2009. [10] Z. Mustafa, H. Obiedat, and F. Awawdeh, "Some fixed point theorem for mapping on complete G-metric spaces," Fixed Point Theory and Applications ...

Some Fixed Point Theorems in G-metric Spaces in: Analele ...

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 ...

Metric fixed point theory is an essential part of mathematical analysis because of its applications in different areas like variational and linear inequalities, improvement, and approximation theory. The fixed point theorem in metric spaces plays a significant role to construct methods to solve the problems in mathematics and sciences.

Some Fixed Point Theorems in b-metric Space

The theorem proved its worth in more than one way. During the 20th century numerous fixed-point theorems were developed, and even a branch of mathematics called fixed-point theory. Brouwer's

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theorem is probably the most important. It is also among the foundational theorems on the topology of topological manifolds and is often used to prove other important results such as the Jordan curve theorem.

Brouwer fixed-point theorem - Wikipedia

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.

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