

# Some Fixed Point Theorems In Fuzzy N Normed Spaces

---

## [MOBI] Some Fixed Point Theorems In Fuzzy N Normed Spaces

As recognized, adventure as competently as experience more or less lesson, amusement, as without difficulty as concurrence can be gotten by just checking out a book Some Fixed Point Theorems In Fuzzy N Normed Spaces after that it is not directly done, you could undertake even more almost this life, roughly the world.

We pay for you this proper as competently as simple pretension to acquire those all. We offer Some Fixed Point Theorems In Fuzzy N Normed Spaces and numerous ebook collections from fictions to scientific research in any way. along with them is this Some Fixed Point Theorems In Fuzzy N Normed Spaces that can be your partner.

### Some Fixed Point Theorems In

#### Lectures On Some Fixed Point Theorems Of Functional Analysis

Some Fixed Point Theorems Of Functional Analysis By FF Bonsall Notes by KB 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

#### SOME FIXED POINT THEOREMS IN ANALYSIS

FIXED POINT THEOREMS 11 FIXED POINTS 111 Definition A point  $x$  is said to be a fixed point for the transformation  $T$  if  $T(x) = x$  In other words, a point which remains invariant under a transformation is known as a fixed point Examples 1 The mapping of the interval  $[0, 1]$  into itself defined by  $f(x) = m$

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

Some results concerning fixed-point theorems for nonexpansive mappings on linear topological spaces have recently been obtained by Taylor [10] and also Tarafdar [9] These results hold for nonexpansive mappings on a complete bounded set of a linear topological space In the first section of this paper we have shown that similar results can be

#### Some Fixed Point Theorems in Cone Rectangular Metric Spaces

In this paper we establish some fixed point theorems in cone rectangular metric spaces setting Our results improve and extend the recent known results Mathematics Subject Classification: 54H25, 47H10 Keywords:Fixed point, common fixed point, cone rectangular metric spaces, weakly compatible maps, weak contraction, T-contraction 1

#### Some fixed point theorems for $(\alpha, \beta)$ -admissible Geraghty ...

fixed point theorem for these contractions whenever the space is endowed with a graph Some interesting consequences of our theorems are also obtained The proved results generalize and extend various well-known results in the literature Some examples are illustrated for the usability of the results  
Keywords Fixed point (a, b)-admissible

### **Some fixed point theorems in ordered partial metric spaces ...**

Olatinwo (2010) proved some fixed-point theorems using weak contraction of the integral type Long, Son, and Hoa (2017) reestablished the uniqueness of two fuzzy weak solutions of fuzzy fractional partial differential equations via the unique fixed point of weakly ...

### **SOME FIXED POINT THEOREMS FOR GENERALIZED SPACES ...**

Some Fixed Point Theorems for Generalized  $\alpha$ -Geraghty Contraction Mappings 233 Then  $T$  has a unique fixed point  $z \in X$  and  $\{T^n x\}$  converges to  $z$  for each  $x \in X$  In 2014, Popescu [26] studied the existence and uniqueness of a fixed point of  $\alpha$ -Geraghty contraction type mappings in complete metric space Definition 21 [26]

### **Some fixed point theorems, J.**

In their 1951 manuscript entitled Some fixed point theorems, M L Cartwright and J E Littlewood proved that if the induced map on Caratheodory's prime ends has rational rotation number, then a connected basin boundary of an orientation preserving planar ...

### **Fixed Point Theorems and Applications**

1 FIXED POINT THEOREMS Fixed point theorems concern maps  $f$  of a set  $X$  into itself that, under certain conditions, admit a fixed point, that is, a point  $x \in X$  such that  $f(x) = x$  The knowledge of the existence of fixed points has relevant applications in many branches of analysis and topology

### **On Some Common Fixed Point Theorems with Rational ...**

Some common fixed point theorems involving rational expressions have been proved and some consequences obtained in these spaces Also we have extended this work to four mappings with a weak commutativity property in BA - cone metric spaces for Integral type mappings AMS: 47H10, 54H25, 37C25, 55M20, 54E40, 54E35

### **SOME RANDOM FIXED POINT THEOREMS FOR ;L**

In the present paper, stochastic generalizations of some fixed point theorems for operators satisfying a ( $;L$ )-weak contraction condition and some other contractive conditions have been proved  
Keywords: Fixed point, Weak contraction, Random fixed point, Random operator 2000 AMS Classification: 47H10, 60H25 1 Introduction

### **Extended Rectangular -Metric Spaces and Some Fixed Point ...**

S S symmetry Article Extended Rectangular  $b$ -Metric Spaces and Some Fixed Point Theorems for Contractive Mappings Zead Mustafa 1, Vahid Parvaneh 2, Mohammed MM Jaradat 1,\* and Zoran Kadelburg 3 ID 1 Department of Mathematics, Statistics and Physics, Qatar University, Doha, PO Box 2713, Qatar; zead@qu.edu.qa 2 Department of Mathematics, Gilan-E-Gharb Branch, Islamic Azad ...

### **Some Fixed Point Theorems on c-distance**

Some of the authors have studied fixed point theorems on partially ordered cone metric spaces (see, eg, ) [3,4,11] In 2011, Y J Cho, et al [7] introduced a concept of the  $c$ -distance in a cone metric spaces and proved some fixed point theorems in ordered cone metric spaces In this paper, we obtained some fixed point theorems on

### **A FIXED POINT THEOREM IN PARTIALLY ORDERED SETS AND ...**

A FIXED POINT THEOREM IN PARTIALLY ORDERED SETS AND SOME APPLICATIONS TO MATRIX EQUATIONS ANDRE C M RAN AND MARTINE

C B REURINGS (Communicated by Joseph A Ball) Abstract An analogue of Banach's fixed point theorem in partially ordered sets is proved in this paper, and several applications to linear and nonlinear matrix equations are

### **SOME FIXED POINT THEOREMS FOR SET VALUED ...**

FIXED POINT THEOREMS "FOR CONTRACTION MAPPINGS 457 with contraction constant If  $F$  satisfies a) for each  $x \in S$ ,  $y \in F(x) \subseteq S$ , there exists a  $z \in (x,y) \cap S$  with  $F(z) \subseteq S$ , (22) b) the mapping  $g : S \rightarrow [0, \infty)$  defined by  $g(x) = d(x, F(x))$  is  $S$ -e, (23) then  $F$  has a fixed point, that is  $x \in g \subseteq F(x)$  for some  $x \in g \subseteq S$  We first prove the following lemma which simplifies the proof of Theorem 1

### **LEMMA Under the Fixed Point, Coincidence Point and Common Fixed Point ...**

of mappings and proved some common fixed point theorems for two mappings in complete metric spaces Chintaman and Jagannath [18] introduced several meaningful fixed point theorems for one expanding mapping For more details on expanding mapping and ...

### **A Generalization of b-Metric Space and Some Fixed Point ...**

has a unique fixed point [13] 2 Results In this section, we introduce a new type of generalized metric space, which we call as an extended b-metric space We also establish some fixed point theorems arising from this metric space Definition 3 Let  $X$  be a non empty set and  $q : \dots$

### **SOME GENERAL FIXED POINT THEOREMS ON TOPOLOGICAL ...**

SOME GENERAL FIXED POINT THEOREMS ON TOPOLOGICAL VECTOR SPACES 21  $F : B(X;Y) \rightarrow B(X;Y)$  ( $F : X \rightarrow Y$  is a map such that, for any natural  $n \in \mathbb{N}$ , any continuous function  $f : D \rightarrow X$ , and any continuous function  $p : F(D) \rightarrow D$ , the composition  $D \rightarrow F(D) \xrightarrow{f} X \xrightarrow{F} F(F(D)) \xrightarrow{p} D$  has a fixed point

Example 21 Subclasses of the better admissible class  $B$  are

### **SOME COMMON FIXED POINT THEOREMS - JSTOR**

Some Common Fixed Point Theorems in Vector Metric Spaces 107 Definition 6 A sequence  $(x_n)$  in a vector metric space  $(X; d; E)$  vectorial converges (or  $E$ -converges) to some  $x \in E$ ; written  $x_n \rightarrow_E x$ , if there is a sequence  $(a_n)$  in  $E$  satisfying  $a_n \neq 0$  and  $d(x_n; x) \leq a_n$  for all  $n$  Definition 7

### **FIXED - Hindawi Publishing Corporation**

FIXED POINT THEOREMS FOR COMPATIBLE MAPS 419 Now assume that  $S$  is continuous and compatible with  $T$  Then  $Sx_n \rightarrow Ix_n$  by continuity, and  $Sx_n \rightarrow Ix_n$  by Proposition (11)2(a) since  $S$  and  $T$  are compatible and continuous We assert that  $Ix_n = Tx_n$  Otherwise, (a) in the hypothesis implies  $d(SIx_n, Tx_n) < ad(Ix_n, SIx_n) = (d(Ix_n, Tx_n) + b d(Ix_n, Tx_n)) D^{-1}$ , where  $D = d(Ix_n, Sw) + d(Ix_n, \dots$