



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_24314
Title of the Manuscript:	FIXED POINT THEOREMS IN PARTIALLY ORDERED RECTANGULAR METRIC SPACES
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	1. From the meaning of words, a partially ordered set P must have two parts X^o and Y^n, i.e., $P = (X^o, Y^n)$, where elements x in X^o can be ordered, while elements y in Y^n are non-ordering (or non-orderable). Please show elements y in Y^n in this paper. If $Y^n = \Phi$ (empty set), then, all elements are ordering (order set), and the analysis of this paper does not concerned with partially ordered. If $Y^n \neq \Phi$, then, show the definition of distance $d(x,y) = ?$ for $x \in X^o, y \in Y^n$. 2. Give explanation on "^{o}" in definition 1.2 ($X, ^o$) (line 48), or $T(x_1,y) ^o T(x_2,y) = ?$ (line 52) And (x, y), where $y \in ?$ 3. Give an example of partially ordered BMS in a practical problem. 4. Give an example to show the existence or to get the coupled fixed points by Theorems 1.5 and 1.6 in a practical problem. 5. A similar topic on theorems and applications (in stock price, pred-predator system, bending of shell, etc.) of k ($k > 1$) related fixed points is shown in following:	In this paper, all of x,y in X. The definition 1.2 is taken ref [12] and old version of paper ref [21] and I say x,y in X and (x,y) in $X \times X$. I have taken Theorem 1.5 and 1.6 in ref [10] and ref [8] respectively and old version of paper ref [16] and [12] respectively I have added in the references the article which name is: "Tian-Quan Yun, <i>A New Definition of Limit of Periodic Function and periodic g-Contractive Mapping at Infinity</i> British Journal of Mathematics and Computer Sciences" 9(5): 438-445, 2015 Article No: BJMCS-205.215.



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	(1) Tian-Quan Yun, “A New Definition of Limit of Periodic Function and Periodic g-Contractive Mapping at Infinity”, British Journal of Mathematics and Computer Science, 9(5): 438 – 445, 2015. Article No: BJMCS-205.215. (2) Tian-Quan Yun, “Convergence of Periodic Mapping and Periodic Probability Mapping”, JP Journal of Fixed Point Theory And Applications, Vol.9, No.3, 2014, pp 159-168. Available online at http://www.pphmj.com/journals/jpfpta.htm. (3) Tian-Quan Yun, “Applications of Heat Diffusion Equation and g-Contractive Mapping”, Lambert Academic Publishing, Germany, 2013. ISBN: 978-3-659-36845-5. (4) Tian-Quan Yun, “G-Contractive Sequential Composite Mapping Theorem in Banch or Probabilistic Banach Space and Application to Pred-Predator System and A & H Stock Prices”, Applied Mathematics, 2011, 2, 699 – 704. (5) Tian-Quan Yun, “Fixed Point Theorems of Composition G- Contractive Mapping and Its Applications”, Applied Mathematics and Mechanics, 22(10), 2001, pp 1132 - 1139. <u>Doi: 10.1023/A:1016337014775.</u> (6) Tian-Quan Yun, “Fixed Point Theorems of Sequential Mapping with geometric mean Construction and its Appli cation”, Canadian Mathematical Society Summer Meeting, Hosted by Simon Fraser University, ABSTRACT, 1983, p.26 -27.	
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