

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_97176
Title of the Manuscript:	A Generalized Unique Common Fixed Point Theorem for Occasionally Weakly Compatible Four Self-Mappings in Cone Metric Space
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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy>)

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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)
<p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>In this paper, author proves a common fixed point theorem for occasionally weakly compatible four self-mappings in cone metric space.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No, some references are needed to add.</p> <p>If possible, add application part of main result.</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English is very poor. Needed many grammatical corrections in paper.</p>	
<p><u>Optional/General</u> comments</p>	<p>Some corrections are needed in manuscript:</p> <ol style="list-style-type: none"> 1. In Abstract, "In this, paper" should be "In this paper," 2. In Introduction, "L.G. Huang and X. Zhang, [7] was generalized" should be "L.G. Huang and X. Zhang [7] generalized" 3. In Introduction "the concept of a metric space" should be "the concept of a cone metric space" 4. "real numbers by and ordered Banach space" should be "real numbers by ordered Banach space" 5. There are grammatical mistake in Introduction part. Revise it. 6. In Definition 1.2, "Banach space B, define" should be "Banach space B. Define" 7. "It is clear that the concept of a cone metric space is more general than that of a metric space" should be "It is clear that the concept of a cone metric space in case of the normal case is more general than that of a metric space." 8. Definition 1.7 is from G. Jungck and B.E.Rhoades, Fixed point theorems for occasionally weakly compatible Mappings, Fixed point theory, 7(2006),286-296. Correct the citation. 9. Definition 1.8 is from M.A.Al-Thagafi and Naseer Shahzad, Generalized I-nonexpansive selfmaps and invariant approximations, Acta Mathematica Sinica, 24(2008), 867-876. Correct citation. 	

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	<p>10. Revise conclusion.</p> <p>11. Some mistakes occur while writing references. Check carefully them.</p> <p>a. M. Abbas and G. Jungck, Common fixed point results for non commuting mappings without continuity in cone metric spaces, J. Math. Anal. Appl. 341,2008, 416-420. (Check page number)</p> <p>b. I. Altun, B. Damjanovic, D. Djoric, Fixed point and common fixed point theorems on ordered cone metric spaces, Appl. Math. Lett. 2009 ,doi:10.1016/j.aml.2009.09.016 . (Check author name, Add Volume number, page number, year)</p> <p>c. L.G. Huang, X. Zhang, Cone metric spaces and fixed point theorems of contractive mappings , J. Math. Anal. Appl. 332(2), 2007, 1468-1476. (Check page number)</p> <p>12. Add the following references:</p> <p>a. A. Bhatt, H. Chandra and D.R. Sahu, Common Fixed point theorems for occasionally weakly compatible mappings under relaxed conditions, Non-linear analysis Theory, Methods and applications 73(2010),176-182.</p> <p>b. M.A.Al-Thagafi and Naseer Shahzad, Generalized I-nonexpansive selfmaps and invariant approximations, Acta Mathematica Sinica, 24(2008), 867-876.</p> <p>c. S. Janković, Z. Golubović, S. Radenović, Compatible and weakly compatible mappings in cone metric spaces, Mathematical and Computer Modelling, Volume 52, Issues 9–10, 2010, Pages 1728-1738</p> <p>d. W Shatanawi, Some coincidence point results in cone metric spaces, Mathematical and Computer Modelling, Volume 55, Issues 7–8, 2012, Pages 2023-2028,</p> <p>e. G. Jungck and B.E.Rhoades, Fixed point theorems for occasionally weakly compatible Mappings, Fixed point theory, 7(2006),286-296.</p> <p>Recommendation: In my opinion, it is worth to be published in Asian Research Journal of Mathematics by further minor revision of the manuscript.</p>	
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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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