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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_27054
Title of the Manuscript:	EXISTENCE AND SOLUTION OF WIND SPEED EQUATION OF A POINT IN AIR
Type of the Article	Short 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:

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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	In this paper, the author(s) proved the existence of solution of wind speed equation by fixed point theorem of periodic g-contrastive mapping. They also found the solution of wind speed equation by method of separating variables. The g-contraction mapping theorems have applications in the fields of mechanics, prey-predator system, stock price and the analysis of equilibrium state. The Banach fixed point theorem can not be used for problems of fixed points more than one, since it just can prove a series convergent to one fixed point. While the periodic g-contractive mapping theorem can be used for problems with k ($k > 1$) related fixed points. This again shows that the periodic g-contractive mapping theorem has wilder use than the Banach fixed point theorem. The author(s) are suggested to write the sentence in justified form. The following references should be added in this direction as: 1. L.N. Mishra, M. Sen, On the concept of existence and local attractivity of solutions for some quadratic Volterra integral equation of	

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fractional order, Applied Mathematics and Computation Vol. 285, (2016), 174-183. DOI: 10.1016/j.amc.2016.03.002

2. L. N. Mishra, R. P. Agarwal, M. Sen, Solvability and asymptotic behavior for some nonlinear quadratic integral equation involving Erdős-Kober fractional integrals on the unbounded interval, Progress in Fractional Differentiation and Applications Vol. 2, No. 3 (2016).

3. L.N. Mishra, H.M. Srivastava, M. Sen, On existence results for some nonlinear functional-integral equations in Banach algebra with applications, Int. J. Anal. Appl., Vol. 11, No. 1, (2016), 1-10.

4. Deepmala and H. K. Pathak, A study on some problems on existence of solutions for nonlinear functional-integral equations, Acta Mathematica Scientia, 33 B(5) (2013), 1305–1313.

5. Deepmala, A Study on Fixed Point Theorems for Nonlinear Contractions and its Applications, Ph.D. Thesis (2014), Pt. Ravishankar Shukla University, Raipur 492 010, Chhatisgarh, India.



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<u>Optional/General</u> comments		
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