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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_24714
Title of the Manuscript:	Numerical Solution of Fourth Order Linear Differential Equations by Adomian Decomposition Method
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:

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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)
Compulsory REVISION comments	The paper discuss the application of ADM method for fourth order differential equations. I suggest some compulsory changes . 1) The introduction section of the article is too week. The author may collect some recent articles about the topic and make the introduction strong. The author may collect information about some other methods like, homotopy methods, spectral methods etc. And properly cite them in the reference list. For spectral method I would recommend the following papers. 1) Hammad Khalil, Rahmat Ali Khan, A new method based on legendre polynomials for solution of system of fractional order partial differential equations, International Journal of Computer Mathematics, 91 (12), 2554-2567,2014. 2)Hammad Khalil, Rahmat Ali Khan, New operational matrix of integration and coupled system of Fredholm Integral Equations, Chinese Journal of mathematics, 2014. 3) Hammad Khalil, Rahmat Ali Khan, A new method based on Legendre polynomials for solutions of the fractional two-dimensional heat conduction equation, Computers & Mathematics with Applications, 67 (10), 1938-1953, 2014. 4) Hammad Khalil, Rahmat Ali Khan, The use of Jacobi polynomials in the numerical solution of coupled system of fractional differential equations, International Journal of Computer Mathematics 92 (7), 1452-1472, 2014. 5) Hammad Khalil, Rahmat Ali Khan, Mohammed Al Smadi, Asad Freihat, Approximation of solution of time fractional order	1) The topic is not comparing or finding a correlation between ADM and other methods. Hence, consulting the reviewer's list of references on homotopy method, spectral analysis, etc is not necessary. Moreso, the topic is straight forward; without any irrelevant information.



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	three-dimensional heat conduction problems with Jacobi Polynomials, Journal of Mathematics, 47(1),35--56,2015. 6)Hammad Khalil, Rahmat Ali Khan, Numerical scheme for solution of coupled system of initial value fractional order Fredholm integro differential equations with smooth solutions, Journal of Mathematical Extension, 9, 39--58, 2015 7) Hammad Khalil, Rahmat Ali Khan, Extended spectral method for fractional order three-dimensional heat conduction problem, Progress in Fractional Differentiation and Applications, 1(3), 165--185 (2015). 8) Hammad Khalil,Rahmat Ali Khan, M. M. Rashidi, Brenstien Polynomials and its application to fractional differential equation, Computational method for fractional differential equations, 2015. 9) Hammad Khalil, Rahmat Ali Khan, Mohammed Al-Samdi, Asad Friehat, Nabil Shawagfeh, New operational matrix for shifted Legendre polynomials and Fractional differential equations with variable coefficients, Journal of mathematics, 47(1), 2015. 10) Hammad Khalil, Rahmat Ali Khan, Mohammed Al Samdi, Asad Friehat, A generalized algorithm based on Legendre polynomials for numerical solutions of coupled system of fractional order differential equations. Journal of Fractional Calculus and Applications, 6 (2), 123-143, 2015.	
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	Similarly the author may collect the articles about other methods and cite them in the reference. 2) The authors are not careful in writing of the article. The author can align the equations at the center and make the equations to be italic, 3) Use fullstop and commas where appropriate after the equations. 4) The author plot the exact solution and approximate solutions. It would be better if the author plot the error graph, ie. If $x(t)$ is exact solution and $x_5(t)$ is the five term truncated approximate solution of the problem then the required error graph is $E(x)= x(t)-x_5(t)$. The error graph must be shown for different values of truncation.	2) Noted. But the template on your website is silence on how to type equations. 3) Noted. 4) In all the examples considered ADM solution in each case was the same as the analytic solution in series form. The plots only illustrated finite terms of ADM solutions with the exact solution (continuous functions). Hence, the error plots are irrelevant since the exact solution and that of ADM are the same.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		