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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	**Ms_BJMCS_27036**
Title of the Manuscript:	**Analytical Solution of the Steady-state Isothermal Melt Spinning model**
Type of the Article	**Method 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 '**l ac k of N ovel ty '**, 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)*
Compulsory REVISION comments		
Minor REVISION comments	I have read this paper carefully. In this paper, the authors have considered on the isothermal melt spinning process modeled by a system of coupled non-linear ordinary differential equations. they have used an approach based on a numerical method to develop an analytical solution of the nonlinear system of equations and compared with numerical solution. This paper is well written in English except for some corrections. I have two important suggestions. Please, you can kindly find them.	

Firstly, authors need to correct all type mistakes throughout the paper as such:

1. At the end of all equations must bu put “COMMA” or “POINT” according to the typing rules.

Then, with the above two substitutions, the initial value problem corresponding to (7) is defined as.

$$\frac{dv}{dx} = \frac{1}{3}\omega, \tag{8a}$$

$$\frac{d\omega}{dv} - \frac{1}{v}\omega = Rev. \tag{8b}$$

with the conditions

$$v(x=0) = 1,\ \omega(x=0) = \omega_0. \tag{8c}$$

where ω_0 is approximated value guessed by shooting the value of v at 1 i.e. $v(1) = v_d$. Detailed procedure to find the numerical solution of the above type of problems (i.e. problem (8)) by *shooting method* is given in section 4.

Secondly, in recent years, many mathematical models which describes the important physical and real world problems have been considered for obtaining some new properties such as solutions, physical meanings, and so on. Hence, this concept attract attention from all over the world. Therefore, some important papers published in recent years must be cited;

1. A. Atangana, Convergence and Stability Analysis of A Novel Iteration Method for Fractional Biological Population Equation, Neural Computing and Applications, 25(5), 1021-1030, 2014.
2. H.M. Baskonus and H.Bulut, On Some New Analytical Solutions for The (2+1)-Dimensional Burgers Equation And The Special Type Of Dodd-Bullough-Mikhailov Equation, Journal of Applied Analysis and Computation, 5(4), 613-625, 2015.
3. H.M. Baskonus and H.Bulut, A. Atangana, On the Complex and Hyperbolic Structures of Longitudinal Wave Equation in a Magneto-Electro-Elastic Circular Rod, Smart Materials and Structures, 25(3), 035022,(8 pp), 2016.
4. H.M. Baskonus and H.Bulut, New Hyperbolic Function Solutions for Some Nonlinear Partial Differential Equation Arising in Mathematical Physics, Entropy, 17(6), 4255-4270, 2015.
5. E.F.D. Goufo and A. Atangana, Extension of fragmentation process in a kinetic-diffusive-wave system, Journal Thermal Science, Supplement, 2, 2015.
6. H.M. Baskonus and H.Bulut, Analytical Studies on the (1+1)-dimensional Nonlinear Dispersive Modified Benjamin-Bona-Mahony Equation Defined by Seismic Sea Waves, Waves in Random and Complex Media, 25(4), 576–586, 2015.

	7. H.M. Baskonus and H.Bulut, An Effective Scheme for Solving Some Nonlinear Partial Differential Equation Arising In Nonlinear Physics, Open Physics, 13(1), 280–289, 2015, 8. H.M. Baskonus and H.Bulut, On the Complex Structures of Kundu-Eckhaus Equation via Improved Bernoulli Sub-Equation Function Method, Waves in Random and Complex Media, 25(4), 720-728, 2015. 9. A. Atangana, A Novel Model for the Lassa Hemorrhagic Fever: DeathlyDisease for PregnantWomen, Neural Computing and Applications, 2015. 10. A. Atangana and EFD Goufo, A model of the groundwater flowing within a leaky aquifer using the concept of local variable order derivative, Journal of Nonlinear Sciences and Applications, in press 2015. 11. H.M. Baskonus and H.Bulut, Exponential Prototype Structures for (2+1)-Dimensional Boiti-Leon-Pempinelli Systems in Mathematical Physics, Waves in Random and Complex Media, 26(2), 201-208, 2016. 12. H.M. Baskonus and H.Bulut, New wave Behaviors of the System of Equations for the Ion Sound and Langmuir Waves, Waves in Random and Complex Media, Accepted, DOI:10.1080/17455030.2016.1181811, 2016. 13. H.M. Baskonus D.Altan Koç, H.Bulut, Dark and New Travelling Wave Solutions to the Nonlinear Evolution Equation, Optik- International Journal for Light and Electron Optics, Accepted, Doi:10.1016/j.ijleo.2016.05.132, 2016.	
Optional/General comments		

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