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Journal Name:	**British Journal of Mathematics & Computer Science**
Manuscript Number:	**2014_BJMCS_15230**
Title of the Manuscript:	**The Optimal homotopy analysis methods for solving the linear and non-linear Fokker-Planck equations**
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)*
Compulsory REVISION comments	Authors implemented the classical HAM method to the well-known linear and non-linear Fokker-Planck equations. I have serious concerns: 1)- There are several relevant literature missed out by the investigators, such as "Purely analytic solutions of the compressible boundary layer flow due to a porous rotating disk with heat transfer, Physics of Fluids, Volume 21, Issue 10, 2009, Article number 106104" and "Analytic approximate solutions of rotating disk boundary layer flow subject to a uniform suction or injection, International Journal of Mechanical Sciences, Volume 52, Issue 12, December 2010, Pages 1735-1744". 2) - Authors should try a linear/nonlinear Fokker-Planck equation whose exact solution is not obtainable, in order to convince that the method is valid indeed. 3) - One of the shortcomings of the HAM method is its convergence issue. A convergence criterion for the technique may be obtained as in the articles "Solution of the Thomas–	

	Fermi equation with a convergent approach, Communications in Nonlinear Science and Numerical Simulation, Volume 17, Issue 11, November 2012, Pages 4097–4103" and "Convergence of the homotopy perturbation method, 2011, International Journal of Nonlinear Sciences and Numerical Simulation, 12 (1-8), pp. 9-14". So, it is better if the authors try this technique to show that convergence is guaranteed.	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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