



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_22823
Title of the Manuscript:	Approximate Analytic Solutions of the Inverse Cubic Truly Nonlinear Oscillator by Iterative 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.

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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	A classical iteration is proposed to treat the inverse cubic nonlinear oscillator problem. The consistency and convergence analysis of the iterative scheme should be derived. Moreover, better analytic iterative methods based on Homotopy concept used for oscillators need to be discussed and cited, see for instance “An optimal analytic approximate solution for the limit cycle of Duffing-van der Pol equation, 2011, Journal of Applied Mechanics, Transactions ASME, 78 (2), 021005”, “Analytic approximate solutions of rotating disk boundary layer flow subject to a uniform suction or injection, 2010, International Journal of Mechanical Sciences, 52 (12), pp. 1735-1744” and “An effective approach for approximate analytical solutions of the damped Duffing equation, 2012, Physica Scripta, 86 (1), 015301”.	
Minor REVISION comments		
Optional/General comments		

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