



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_47528
Title of the Manuscript:	An Accurate Implicit Quarter Step First Derivative Block Hybrid Method for Solving Ordinary Differential Equations
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<p>First of all I observe that the method is not new, but is an existing method, in the class of collocation Runge-Kutta method and in the class of block Boundary value Method (ETR scheme), already discussed in many paper, see for example:</p> <p>L. Aceto, C. Magherini On the relations between B2VMs and Runge_Kutta collocation methods Journal of Computational and Applied Mathematics 231 (2009) 11_23</p> <p>And the references therein.</p> <p>Moreover Formula (1.1) in line 18 is not correct Why the last point is chosen as <math>n+1/4</math>, it is better to choose it as <math>n+1</math> Line 101, the polynomial rho and sigma have not been defined. Formula ii line 103 is not correct. Picture of the region of absolute stability is not correct. The method is A-stable but the picture is for a method that is not A-stable . The numerical test are not meaningful.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

**Reviewer Details:**

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