



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_49798
Title of the Manuscript:	Approximate Solution Technique for Singular Fredholm Integral Equations of the First Kind with Oscillatory Kernels
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>)



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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	<p>This paper discusses the use of the quadrature formula for evaluating numerically the singular Fredholm integral equations of the first kind with oscillatory trigonometric kernels. The Lagrange interpolation formula and the orthogonal polynomial, which is the Legendre polynomials, are considered in the method proposed. Then, the technique and the error bound, including the lemma and the theorem, are discussed in detail. It is followed by a numerical example to show the efficiency of the method approach. Overall, the content of the paper is well described, however, the presentation of the paper shall be further improved. Some comments are given as follow:</p> <ol style="list-style-type: none"> 1. The numbering of equations shall be put at the end of the right side of the line consistently. 2. Please do the numbering of equations consistently, it is better to give the numbering for all equations rather than choosing a certain equation to be labelled. 3. Please write "Equation (1)" or "(1)" when mentioning Equation (1) in the text, do not write "equation (1)". The same comment for the equations that are mentioned in the text. 4. In Equation (1), some terms are not defined, see "$k(x, t)$" and "$u(t)$", what are these two terms? Please define them clearly. Also, do not see the terms u and t^2 in Equation (1), but they are mentioned. Shall these terms be given? 5. There are TWO Equation (15), please check. 6. Please do not put any citation along with the equation. See Theorem 1. 7. Please remove Equation (24), they are not equations, just are the interpolation points. 8. Do not understand why Okecha [12] is mentioned at the end in the conclusion. Since this paper is motivated from the work of Okecha [12], it is better to mention Okecha [12] at the beginning of the paper in the introduction. 	All the comments mentioned and highlighted by the reviewer has been corrected
Minor REVISION comments	<ol style="list-style-type: none"> 1. For Equation (12), it is suggested to label as (12a) and (12b). 2. For Equation (19), it is suggested to label as (19a) and (19b). 3. For Equation (29), it is suggested to label as (29a) and (29b). 4. Notations and symbols shall be written in the <i>italic</i> form. 5. There are some grammatical mistakes, please do the correction carefully. 	The corrections have been done
Optional/General 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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	