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JournalName:	Journal ofAdvances inMathematics andComputerScience
ManuscriptNumber:	Ms_JAMCS_117009
TitleoftheManuscript:	NumericalSolution of FirstKindFredholm IntegralEquationsusingWaveletCollocationMethod
Type oftheArticle	ResearchArticle

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. In this manuscript, the authors have proposed a numerical approach consisting of the regularization technique and collocation method based on Legendre and Chebyshev wavelet to analyze first kind Fredholm integral equations. Some numerical examples are analyzed to show the efficiency of the presented method.</p> <p>2. The title of the article is suitable.</p> <p>3. The Abstract of the article is comprehensive.</p> <p>4. The manuscript is well structured, and the subsections are appropriate.</p> <p>5. The scientific content of the manuscript is generally correct. I have noted some issues that need to be considered by the authors.</p> <p>6. The literature review seems incomplete. The different methods and equations should be mentioned in the Introduction section. Therefore, the authors can cite following papers to improve the literature review:</p> <p>-https://doi.org/10.1007/s40314-022-02036-5</p> <p>-https://doi.org/10.48129/kjs.v48i1.9386</p> <p>7. Additional Comments</p> <p>-It would be better if the method were evaluated in terms of timescale (CPU) for each numerical example.</p> <p>-There needs to be a comment on deficiencies of this proposed strategy if any, and possible ways to overcome it. Are there any limitations of this method? It would be better if these had been mentioned in the Conclusion section.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality and Grammar of the article are suitable. But the authors are advised to correct some Grammatical errors and spelling mistakes.</p>	

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Optional/General comments	<p>-Page 2: In the sentence "Haar wavelet collocation method [5] and Wavelet Galerkin [6] has been developed to solve Fredholm integral equations of the first kind", "has been" should be "have been."</p> <p>-Page 4: In the expression of Theorem 2.2, ".....N can be expanded as an infinite sum of Chebyshev wavelets, and the series converges uniformly to $u(x)$, i.e.," it should be "converge".</p> <p>-Page 11: Conclusion part, in the sentence "Absolute error and rms value is calculated for both wavelets", "is calculated" should be "are calculated".</p>	
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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>	

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