

## Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_98662
Title of the Manuscript:	The Impact of Fourier Series Expansion on the Analysis of Asset Value Function and its Return Rates for Capital Markets.
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:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy> )

### 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><b>Compulsory</b> 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><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. I think that every manuscript intended for scientific dissemination should have its publication encouraged. I considered the topic of the work interesting, when the author uses a tool normally used in deterministic processes to analyze a stochastic process. The theme is quite creative and deserves some future discussions. At the moment, as a presentation of the idea, the paper seems satisfactory to me.</p> <p>2. Yes. It is suitable.</p> <p>3. Yes. It is suitable.</p> <p>4. The division is a bit confusing. Why number the sections 2.1, 3.1 and 4.1? Why is the first numbered section 2.1? Is there no section 1.1? Why is the conclusion 4.1 if it is a section with no subdivisions? I suggest numbering the sections 1, 2, 3, 4, starting with the introduction. Add a second digit only if it is a subsection. Another important care will be to proofread the text. There are some grammar mistakes, as well as the fonts used in mathematical relations in the inter-text are not adequate (much smaller than the text). On page 3, I highlighted some points that I send as an example in the attached file.</p> <p>5. Naturally, it is not possible to verify all the mathematical developments in a short period of time, so I express my opinion more about the structure of the text. The general structure suggests correct work.</p> <p>6. Commenting references is sometimes a little difficult, as you don't always have access to all of them. I consider 25 references as an adequate amount for an article of this size. With regard to publication dates, this is not important in a work of mathematics.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English is not my native language, so I have some difficulties with deeper issues associated with your grammar. But I believe that the text is on the same level of understanding as other academic works with which I am usually in contact.</p>	
<p><b>Optional/General</b> comments</p>	<p>As mentioned earlier, it is desirable to review section numbering, font size in some intertextual math expressions, grammar and general typing.</p>	

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

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