



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	MS: 2012/BJMCS/2222
Title of the Manuscript:	Joint Optimal Policy for Variable Deteriorating Inventory System of Vendor- Buyer Ordering With Trapezoidal Demand

General guideline for Peer Review process is available in this link:

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	• Introduction section does not suitably motivate the readers in the subject. Therefore, it should be expanded. It should also include some latest references (2009-2012) and discussions to justify the research and improve the currency of the paper. • The authors should clarify the major contribution(s) of the paper to the exiting body of the literature. A literature review section should be provided to review the latest relevant works and identify the research gaps. • More detailed description should be provided regarding the computational procedures for Case 1 and 2. Eq. (8) should be revisited and the meaning of Eq. (11) should be clearly explained. • Page 10, line 152: "It is obvious that $K_j \leq K_{Nj}$". However, results of Table 7, 8, and 10 contradict with this statement. • The description of the results of numerical example and sensitivity analyses is not sufficient. Please provide more explanations and discussions to get some detailed insights throughout this section and not just listing the observations. Therefore, this section needs to be developed a lot.	1. Latest references added in the draft. Thanks. 2. Lines 23-28 (in original manuscript) give the idea. Thanks. 3. Eq.(8) has been corrected. We had taken Eq. (11) from Financial Mathematics by Kotler and Filler. Thanks. 4. Agreed. Infeasibility occurs in $K_j \leq K_{Nj}$ because both involves no. of parameters. 5. Thank you for the comment that lot of things can be incorporated. Here, the aim is to bring two players on the same platform by offering promotional tool viz. trade credit.



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	• In conclusions section, the authors should highlight the unique contributions of the paper, limitations of the research, and some future research directions. Some detailed managerial implications of the model applications in practice should be also provided. • The language of the paper needs a careful editing and detailed proofreading by the authors. There are several mistakes in the text that should be corrected and some sentences should be rewritten to read satisfactorily.	6. Done in the draft. We authors do not feel for any limitations. Thanks. 7. Done in the manuscript. Thanks.
<u>Minor</u> REVISION comments	• Sections 2 and 3 should be merged into one section titled "Mathematical model". • Page 8, line 130: $PCv=CvImv$. • Page 9, line 136: The sentence seems to be incomplete! • Some references have issue number but some do not. Please check!	Reformatted as per Journal's requirements. Corrected in the draft. Thanks. Completed in the draft. Thanks. Tried our best to add issue number. Thanks.
<u>Optional/General</u> comments	• It is suggested to change the title of section 5 to "Numerical example".	We will go with our own title of section 5. Thanks.