



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_13451
Title of the Manuscript:	FINITE ELEMENT ANALYSIS OF BAMBOO BICYCLE FRAME
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)
<u>Compulsory</u> REVISION comments	The paper needs to be revised before publication to include appropriate reply to the following points. 1. Sec 2 should be enlarged to describe the problem, along with properties of the materials. 2. Comparison with experiments of the mechanical properties the used bamboo should be given. How reliable are the used datas? 3. Crucial point of the frame structures are the connections. These should be analysed and described with details. Ho they are made? How these are put in the FEM mathematical model?	How the joints were made was described in our previous work which is referenced in the paper. The bike was modelled with parametric software (Pro/E) and the model served as the basis for the FEM software (Pro/Mechanica) that was used for the FEM analysis.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		