



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_26839
Title of the Manuscript:	A model of elasticity taking into account the displacement orientation in the deformation
Type of the Article	Short Research 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		
Minor REVISION comments	The manuscript is without line number, I put my comments in annotated PDF. Please, answer each point adequately.	Q1. "modern medicine". put a reference here. Answer: J. Perk, P. Mathes, H. Gohlke, C. Monpère, I. Hellemans, H. McGee, P. Sellier, H. Saner, (2007), Cardiovascular Prevention and Rehabilitation, Springer-Verlag London Limited, 2007. Q2. Why not Ultrasound? Answer: Ultrasound is also an imaging modality and is the technic employed in echocardiography. Q3. Which constrains? Please, explain better this sentence. Answer: Explanations are given in the text Q.4 The logic connection between this sentence and the previuos one is difficult to understand. Answer: Explanations are given in the text. Q.5 Please, use the term weak with consistency. If you write "weak" here you have to define what you mean with weak formulation. Answer: Explanations are given in the text. The weak mixed formulation of the Poisson problem under constraint considered is defined by the system (2.7). Q6. Put a reference of Fem software. Answer: F. Hecht, (2015), FreeFem++doc.pdf, Laboratoire Jacques-Louis Lions, Université Pierre et Marie Curie, Paris. F. Hecht, (2012), New development in FreeFem++. J. Numer. Math. 20, no. 3-4, 251–265. 65Y15. Q7. parameter f is not defined.



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		Answer : f expresses the exerted pressure on Omega. Q8. This formulation needs to be explained also in common language. Q8 : Explanations are given in the text. Q.9 It should be better to explain the context before and not just to put a reference. Answer : Explanations are given in the text Q10. freefem of Free Fem as in introduction? pleas correct. Answer: The correction has been done. Q.11 Some sentence about the utility of this study is needed. Answer: Explanations are given in the text.
<u>Optional/General</u> comments		The authors thank the reviewer for his interest in this work and for his comments and remarks in order to showcase the scientific qualities of this article.