



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_23222
Title of the Manuscript:	Oscillatory Blood Flow in Convergent and Divergent Channels, Part 2: Effects of Reynolds Number
Type of the Article	Original Research Articles

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:

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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	This paper deals with a very active area of research that is characterized by hundreds of new scholarly works each year. Not only is fluid mechanics of blood flow studied, but so too are flows in converging and diverging channels, and oscillatory flow. This paper neglects to mention any research published since 1992! There may be perhaps 10 thousand separate studies since then. What is new here? What problem are the authors trying to solve? How is this work motivated by something in the literature or a lack of knowledge? The authors write that with increasing Reynolds number, the shear stress and velocity. The conclusion is completely inadequate. The horizontal x momentum equation is incorrect, a derivative is repeated.	1 The review of literature have been updated, at least. Check 2 On the motivation for the work and some other prescribed requirements, these have been effected. Check the introductory part. 3 The error on the use of ' increasing Reynolds number' has been correctly re-written. Check 4 The incorrectness of the momentum equation in the r-direction (not x-direction). And this has been effected by adding the omitted $-u/R^2$. Check
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		