



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_26410
Title of the Manuscript:	A Hydrodynamic Model of Flow in a Bifurcating Stream, Part 1: Effects of Bifurcation Angle and Magnetic Field
Type of the Article	Original 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)
<u>Compulsory</u> REVISION comments	<p>(1) Equation of Pr is not written. Only, term Pr is defined in line no. 122.</p> <p>(2) Check dimensionless form of ambient density defined in line no. 113. Kindly clarify how density becomes dimensionless by multiplying it with velocity square.</p>	<p>(1) This is done See line 170.</p> <p>(2) This is rectified. See line 170.</p> $\rho = \frac{\rho'}{U_o^2}$
<u>Minor</u> REVISION comments	<p>(1) Some terms are defined twice like k, T and C.</p> <p>(2) Define ν' in place of ν. (line no. 88)</p>	<p>(1) This has been corrected. See the nomenclature- lines 17-64.</p> <p>(2) It is done.</p>
<u>Optional/General</u> comments	<p>(1) It is better if author defines various terms like x', y', u', P, T' and c'</p> <p>(2) It is better if figure titles are defined in like as below. e.g. Figure 1 Velocity variation with respect to bifurcation angle for different values of η.</p>	<p>(1) This is done, as shown in the nomenclature- lines 17-64.</p> <p>(2) This is done. See lines 262-285.</p>