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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_40076**
Title of the Manuscript:	**An Analysis of Axial Couette Flow in Annular Region of Abruptly Stopped Pipes**
Type of Article:	**Original research paper**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
1. Regarding comments no 7, the question was about the fluid type not the flow. For example, in abstract, it is mentioned that the fluid is incompressible for theoretical work, is it same for numerical part also? **2. Regarding comments no 9, author(s) has mentioned the study region where data were taken as "annular space". What I understand that, it is in the central symmetry plane. Is it correct? Then mentioned it in revised manuscript.** **3. Regarding comments no 11, it is still not clear to me whether the author(s) used their theoretical output ("exact solution") in their numerical implementation. If it is, then at least one compression with established results will make this paper more credible as the authors(s) has performed some new theoretical work. Otherwise it is adequate for only flow visualization purpose.** **4. The literature review part is not strong enough. Some recent contribution (last 5 years) in this filed (both FEM and FVM method) should be included. Some suggestions are –** • Study on pressure drop characteristics of single phase turbulent flow in pipe bend for high Reynolds number, ARPN Journal of Engineering and Applied Sciences. 10(5), pp.2221-2226 • Computational study of turbulent flow in pipe bends. International Journal of Applied Engineering Research. 10(11), pp.10128-10133 • Effect of bend curvature on velocity & pressure distribution from straight to a 90° pipe bend - A Numerical Study. REST Journal on Emerging trends in Modelling and Manufacturing. 2(4), pp.103-108	**1. Yes, it is. Mentioned and highlighted in abstract.** **2. Mentioned in the text and highlighted.** **3. We have discussed a theoretical methodology. Theoretical work was not used in the numerical part. Numerical implementation was carried out for only flow visualization purpose.** **4. Two journal papers were included in the reference section and cited in introduction and highlighted.**