



## HYDROTHERMAL BEHAVIOR OF FLUID FLOW AND HEAT TRANSFER THROUGH A BENDING SQUARE CHANNEL

**Reviewer 1: --**

1. The sentence construction should be proper in several sections in this article to be modified.
2. In several sections' sentences and paragraphs have some margin and space problem, which needs to be properly adjusted.
3. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

| Page No. | Actual                                  | Suggested                              |
|----------|---|--|
| 1        | <i>Ranging</i>                          | <i>Ranges</i>                          |
| 1        | <i>Difference</i>                       | <i>Different</i>                       |
| 1        | <i>of solution</i>                      | <i>of the solution</i>                 |
| 1        | <i>consists</i>                         | <i>consisting</i>                      |
| 1        | <i>sketching phase-space</i>            | <i>sketching the phase-space</i>       |
| 1        | <i>Boosts</i>                           | <i>boost</i>                           |
| 1        | <i>attributes</i>                       | <i>attribute</i>                       |
| 2        | <i>at concave</i>                       | <i>at the concave</i>                  |
| 2        | <i>then, a several</i>                  | <i>then, several</i>                   |
| 2        | <i>here some</i>                        | <i>here to some</i>                    |
| 2        | <i>With</i>                             | <i>by</i>                              |
| 2        | <i>using visualization</i>              | <i>using the visualization</i>         |
| 2        | <i>studied hydrothermal</i>             | <i>studied the hydrothermal</i>        |
| 2        | <i>and transfer</i>                     | <i>and the transfer</i>                |
| 2        | <i>through duct's</i>                   | <i>through the duct's</i>              |
| 3        | <i>in <math>x</math>- direction</i>     | <i>in the <math>x</math>-direction</i> |
| 3        | <i>Therefore, dimensionless</i>         | <i>Therefore, the dimensionless</i>    |
| 3        | <i>Boundary</i>                         | <i>The boundary</i>                    |
| 3        | <i>through main</i>                     | <i>through the main</i>                |
| 4        | <i>as first</i>                         | <i>as the first</i>                    |
| 4        | <i>among three</i>                      | <i>among the three</i>                 |
| 5        | <i>states for <math>Dn = 500</math></i> | <i>states <math>Dn = 500</math></i>    |
| 5        | <i>in the Figs</i>                      | <i>in Figs</i>                         |
| 5        | <i>flows is</i>                         | <i>flows are</i>                       |

|    |                                |                          |
|----|--------------------------------|--------------------------|
| 5  | Further increase               | Further, an increase     |
| 5  | For well                       | For good                 |
| 5  | Pattern                        | patterns                 |
| 9  | performed the evaluation of    | Evaluated                |
| 9  | solutions for $\delta = 0.5$ . | solutions $\delta = 0.5$ |
| 9  | understanding the              | understanding of the     |
| 9  | assessed PS                    | assessed the PS          |
| 10 | Typical contour                | The typical contour      |
| 10 | role for the                   | role in the              |

**Comments to Editor :**

1. After some modification as per the reviewer's comments, the article can be accepted for possible publication

**Reviewer 2: --**

1. The paper should be written properly in JMCMS Journal format.
2. References and in-text citations are not in JMCMS Journal format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. Authors are advised that the abstract part should be more specific.
4. Result and Discussion section should be specific and informative.
5. Conflict of interest regarding the article should be mention in the text.

**Comments to Editor :**

1. This article needs some modification. After some modification, the article can be accepted for possible publication.

**Reviewer 3: --**

1. The Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. The abstract part is needed to be modified and try to write in short.
4. All the pictures should be clear and the resolution should be high.
5. Conflict of interest regarding the article should be mention in the text.

**Comments to Editor :**

1. After modifying the said points, the paper can be accepted for possible publication.