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**Author A, Author B, and Author C\***

Name of Institute

Corresponding Address

A@institute.gov; B@institute.gov; C@institute.gov

**Author D (if needed)**

Name of Institute

Corresponding Address

D@institute.gov

**Author E (if needed)**

Name of Institute

Corresponding Address

E@institute.gov

**ABSTRACT**

Use 8.5 x 11 paper size, with 1" margins on all sides. A required 200-250 word abstract starts on this line. Leave two blank lines before "ABSTRACT" and one after. Use 11 point Times New Roman here and single (11 point) spacing. The abstract is a very brief summary highlighting main accomplishments, what is new, and how it relates to the state-of-the-art.

**KEYWORDS**

List of at most five key words

**1. INTRODUCTION**

Paper starts here with two blank lines before first section title. Use 8.5 x 11 paper size, with 1" margins on all sides. Use one blank line before and after each subsequent section's title. Section titles have style "Heading 1", are 11 point font, must be all uppercase and text aligned left, and must be numbered in Arabic numerals as shown above. Introduce the topic of your work in this section.

Do not indent the first line of a paragraph; rather add one blank line between paragraphs. Use Times New Roman font (and Symbol if needed) and font size 11 for the main body of the paper. There are four types of reference styles: journal paper [1], proceeding paper [2], book [3], and website [4]. References to websites are discouraged, but acceptable if absolutely necessary. It is the author's responsibility to check links in the PDF file of your paper. All references should be cited in the text in numerical order, in order of appearance as [5-7]. Do not include bookmarks or hyperlinks to references, figures, and tables in the text of your paper in your final PDF document. Do not include highlighting, page numbers, headers, or footers.

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## 2. SECOND OR SUBSEQUENT MAJOR HEADING

A logical division of your paper into sections, etc., makes it so much easier to understand. The style for subsection titles and all text in this template is “Heading 2,” “Heading 3,” etc. All text in this template is “Body Text 3.” Make sure to *avoid widow/orphan* lines.

### 2.1. Subsection Title: First Character of Each Non-Trivial Word is Uppercase

Add a blank line before and after secondary titles. Secondary titles should start flush left, and are numbered as illustrated above.

Equations should be centered and sequentially numbered to the flush right of the formula. Use Times New Roman or Euclid font with a font size 11 for the text variables and corresponding sizes proportionally for the subscripts and superscripts.

$$\partial_x U_x + \partial_x F_k(U) = \partial_x K U^{3/2} \partial_x U_k \quad (1)$$

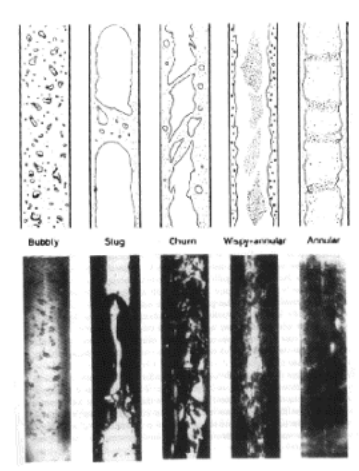
The continuation of a paragraph after an equation is not indented. All paragraphs, section or subsection headings, as well as equations are separated by just one single empty line.

#### 2.1.1. Sub-subsection level and lower: only first character uppercase

Figures and tables should appear as closely as possible to where they are first cited, e.g., Fig. 1, in the text. Figures are numbered in Arabic numerals, with the caption centered below the figure, in **boldface**. Use two blank lines before the figure and after the figure caption.

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**Figure 1. Sample Figure.**

Tables, such as Table I, are numbered in Roman numerals, with the table title in boldface centered above the table with a blank line between the title and actual table. Use two blank lines before and after the table.

**Table I. Sample table: accuracy of nodal and characteristic methods**

<b>Mesh</b>	<b>8x8</b>	<b>16x16</b>	<b>32x32</b>	<b>64x64</b>
<b>Nodal</b>	$1.000 \times 10^{-1}$	$2.500 \times 10^{-2}$	$6.250 \times 10^{-3}$	$1.563 \times 10^{-3}$
<b>Characteristic</b>	$1.000 \times 10^{-1}$	$2.500 \times 10^{-2}$	$6.250 \times 10^{-3}$	$1.563 \times 10^{-3}$

Use SI Units. Conventional (non-SI) quantities may follow parenthetically if the author desires.

### 3. CONCLUSIONS

Present your summary and conclusions here.

### NOMENCLATURE (IF NEEDED)

If variables are extensively used in the text, a nomenclature section would be helpful to the readers.

### ACKNOWLEDGMENTS

Acknowledge the help of colleagues, and sources of funding, if you wish.

### REFERENCES

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7. S. Glasstone and W. H. Jordan, *Nuclear Power and Its Environmental Effects*, 50, American Nuclear Society, La Grange Park, Illinois, USA (1980).

## APPENDIX A

If necessary, include Appendices numbered in upper case alphabetical order.

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