Title of the Summary Goes Here: Capitalize the First Letter of Major Words, Centered, 14-Point Times New Roman, on the Second Line from the Top Margin, Not More Than Three Lines Long

Author A1, Author B1, Author C2, Author D3, Author E4, Author F1,[[1]](#footnote-1)\*

1Name of Institute, City, State; 2Name of Institute, City, State; 3Name of Institute, City, State;

4Name of Institute, City, State

*[leave space for DOI, which will be inserted by ANS]*

# INTRODUCTION

Introduce the topic of the work in this section. Use style “Heading 1” for section titles. Use 8.5" ×11" paper size, with 1" margins on all sides.

Use style “Normal” for the main text of the summary. Use the IEEE reference style for journal paper [1], proceeding paper [2], book [3], and website [4]. References to websites are discouraged. It is the author’s responsibility to check links in the PDF file of the summary. All references should be cited in the text in numerical order, in order of appearance as [3-5]. An automatic reference manager, such as Zotero, is recommended.

The summary should be laid out and formatted according to this template. Because the summary will be included as a .pdf file for the proceedings, the author will get the best results from Word or WordPerfect by using the Acrobat Distiller or Acrobat PDFWriter as the default printer. When creating the PDF version, check the “Embed All Fonts” option. Note that it is the author’s responsibility to review the final PDF version of the summary to ensure proper translation into PDF. Final PDF file size should be no more than 4 MB. **Recommended summary length is 1-4 pages. The limit for summary submissions is 4 pages, including references, tables, and figures.** If an exception is made and a summary over 4 pages is accepted, page charges are $100/page for p. 5 and above.

Do not include bookmarks or hyperlinks to references, figures, and tables in the text of your summary in your final PDF document. **Do not include highlighting, page numbers, headers, or footers.** Disclaimers or information about the author’s employer should not be set as a footer or header. Instead, set as an end-of-summary note (preferred) or as a footnote that does not interfere with the bottom margin. Do not save your PDF as “read only.”

# SECOND OR SUBSEQUENT MAJOR HEADING (FONT SIZE 12 POINT)

A logical division of the summary into sections, etc., makes it so much easier to understand. All text in this template is “Normal”. Make sure to ***avoid widow/orphan*** lines.

## Subsection Title: First Character of Each Non-Trivial Word is Uppercase (12 Point)

The style for subsection titles and all text in this template is “Heading 2,” “Heading 3,” etc. Secondary titles should start flush left and are numbered as illustrated above.

Equations are embedded into tables. Equations should be centered and sequentially numbered to the flush right of the formula using the table provided. Copy the equation table for additional equations to benefit from automatic numbering. Use inline equations font with a font size 11 for the text variables and corresponding sizes proportionally for the subscripts and superscripts.

|  |  |
| --- | --- |
|  | (1) |

where and are the variables in the equation.

### Sub-subsection level and lower: only first character uppercase (12 point)

Figures and tables should appear as closely as possible to where they are first cited using cross references, e.g., Figure 1, in the text. The figures should be centered. The style for figure captions is “Caption”. Color is permitted but must be readable if printed in gray scale.

Chart

Description automatically generated

Figure 1. Sample figure.

When importing figures or any graphical image please verify two things:

* Any number, text or symbol is in Times New Roman font and is not smaller than 10 point after reduction to the actual window in the summary.
* That it can be translated into PDF.

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. The style for tables is “Plain Table 2” found under the “Table Design” tab. The style for table captions is “Table Caption”. The text style for table content is “Table”.

Table I. Sample table.

|  |  |  |  |
| --- | --- | --- | --- |
| Mesh |  |  |  |
| Nodal |  |  |  |
| Characteristic |  |  |  |

Use SI Units (in parentheses, not square brackets). Conventional (non-SI) quantities may follow parenthetically if the author desires. Watch the number of significant digits.

# CONCLUSIONS

Present summary and conclusions here.

NOMENCLATURE (IF NEEDED)

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

ACKNOWLEDGMENTS

Acknowledge the help of colleagues, and sources of funding, as appropriate.

REFERENCES

Insert IEEE style numbered list of references.

APPENDIX A

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

To ensure a uniform, professional look at the proceedings, please only modify the format of this template after checking with the publication chair first.

1. \*Email address for primary/corresponding author only. Move the \* next to the appropriate name. Do not use all capital letters for any part of any author’s name. [↑](#footnote-ref-1)