

A SAMPLE DOCUMENT FOR USE IN SUBMITTING TO THE 8TH INTERNATIONAL MESHING ROUNDTABLE

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ABSTRACT

This is the abstract. The font should be nine (9) point Times Roman and should be single column, justified. There is 72 points spacing between the affiliation and the Abstract heading. The abstract should give a clear indication of the objective, scope, and results of the paper so that readers may determine whether the full text will be of particular interest to them. The abstract should attempt to condense the whole subject matter into a few words for quick reading. Following the abstract should be a list of keywords, which will serve to identify the main topics covered in the paper for retrieval purposes. The number of words in the abstract should not exceed 150.

Keywords: mesh generation, anisotropy, computational geometry, quadrilateral

1. INTRODUCTION

This is the main body of the paper. It should also be 9 point (same as the abstract), but should be double column, justified. In this example the columns are 3 inches wide with a 0.5 inch margin between the columns. Margins should be 1 inch and all submissions should be formatted for standard 8 1/2 X 11 paper. Number of Pages should not exceed 12 pages including Figures and References. Also note that pages should not be numbered, as they will be numbered in sequence in the final proceedings.

If you are using this sample document directly in Microsoft Word, there are several styles provided. These include the following:

- Main Title: Centered 14 point, Bold, Capitalized, Arial with 60 points spacing immediately before
- Authors: Centered 12 point Arial with 12 point spacing immediately before
- Affiliations: Centered 10 point, Italic, Arial with 12 point spacing immediately before
- Body Text: 9 point Times Roman, double column, justified. 6 point spacing after each paragraph.

- Heading 1: Main Section titles - 10 Point, Bold, Capitalized, Arial with 12 point leading and trailing spaces
- Heading 2: First Subheading - 10 Point, Bold, Italic, Arial with 12 point leading and 6 point trailing space
- Heading 3: Second Subheading - same as Heading 2 but with an indent
- Figure: Centered with Caption immediately following
- Caption: 9 point bold Arial
- Equation: Tab stops at the column center (center justified) and at the right (right justified) for the number. 12 point spacing before and after

In order to maintain consistency in the proceedings, try to maintain the same styles regardless if you are using Microsoft Word or another editor.

1.1 First Subheading

Here is an example of a reference^[1]. They should be numbered by the order they appear in the text. Here are another couple of references^[2]^[3]. There should be a

separate section for references at the end of the paper. Note that Microsoft Word provides automatic endnotes. To insert an endnote, place the cursor where you want the citation to be and go to the "Insert" menu and select "Footnote". Select "Endnotes at End of Document". When you select OK, Word will place you at the end of the document ready to type in the reference.

1.11 Second Subheading

The following are examples of an equation and a figure with a caption. For equations, Word provides an equation editor. To insert an equation go to the "Insert" menu and select "Object". Select the "Equation Editor" from the list. If it does not appear in the list then it was not installed, in which case, go you will need your MS Word installation CD to install the equation editor.

$$\mathbf{M}(\mathbf{X}) = \begin{bmatrix} E_x & F_x \\ F_x & G_x \end{bmatrix} \quad (1)$$

Figures can be inserted directly into the document by positioning the cursor where the figure is to be inserted. First, copy the Figure from whatever application the Figure comes from. In the "Edit" Menu, select "Paste Special". Make sure the "Float Over Text" box is NOT selected.

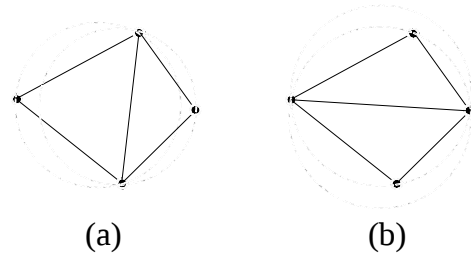


Figure 1. This is the caption for the first Figure

Note that MS Word also has automatic Caption numbering and referencing. To insert a new Caption, from the "Insert" menu, select the item "Caption...". To reference a Figure that has a caption use select the "Cross Reference..." item in the same menu.

REFERENCES

- 1 [] Boris, N. Delaunay, "Sur la Sphere" Vide. *Izvestia Akademia Nauk SSSR, VII Seria, Otdelenie Matematicheskii i Estestvennyka Nauk* Vol 7 pp.793-800 (1934)
- 2 [] C. L. Lawson, "Software for C^1 Surface Interpolation", *Mathematical Software III*, pp.161-194 (1977)
- 3 [] David F. Watson, "Computing the Delaunay Tessellation with Application to Voronoi Polytopes", *The Computer Journal*, Vol 24(2) pp.167-172 (1981)