

HOW TO WRITE YOUR FINAL WORK

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ABSTRACT

This is the template file for your final work in the course Digital Speech Processing in Noisy Environments.

1. INTRODUCTION

Please follow these instructions:

- All papers must be in English.

2. STYLE GUIDELINES

- If you use LaTeX or MSWord please use the templates for preparing your paper. This will ensure a uniform look. In any case, please adhere to the following style guidelines.
- The paper must be 4 to 5 pages in length.
- To achieve the best viewing experience we strongly encourage to use Times-Roman font (the LaTeX style file as well as the Word template files use Times-Roman).
- The paper must be in the following format: A4 format, single spaced, two (2) columns, printed or typed in black ink, no smaller than nine (9) point type font throughout the paper, including figure captions. In fact, we strongly recommend that you use ten (10) point type fonts for the main text in the paper. In the abstract and the references, you can use nine (9) point type fonts.
- Use italic typeface to emphasize words; *never underline titles or word that need to be emphasized*.
- Text should appear in two columns, each 81 mm (3.19 inch) wide with 8 mm (0.31 inch) space between columns.
- The easiest way to satisfy our layout requirements is to use the provided LaTeX or Word templates, and to carefully follow our guidelines for generating Pdf.

3. PAPER TITLE

The paper title has to appear in capital letters, boldface if possible, centered across the top of the two columns on the first page as indicated above. The author's name appear below the title in capital and lower case letters.

3.1. Abstract

Each paper should contain an abstract of about 100-200 words that appears at the beginning of the paper.

3.2. Figures

All figures should be centered on the column (or page, if the figure spans both columns). Figure captions should follow each figure and have the format given in the example. If you use colors in illustrations please verify that legibility is not lost when the paper is printed in grayscale. Position figures on top of the page.

The easiest way to position figures and captions in MSWord (read: "the least difficult way") is to use the "square wrapping style." Turn off "move object with text" and turn on "lock anchor," after making sure that the anchors of the figure and of its caption are located in exactly the same position.

In LaTeX please use the following construction to include a figure:

```
\begin{figure}[t]
\centerline{
\includegraphics[width=75mm]{figure}}
\caption{{\it Directivity measurement
of a trumpet.}}
\label{fig:figure1}
\end{figure}
```

3.3. Equations

Equations should be placed on separate lines and numbered:

$$\mathbf{W}_{WF} = \mathbf{X}^{-T} \cdot \text{diag}\left\{\frac{\sigma_i^2 - \eta_i^2}{\sigma_i^2}\right\} \cdot \mathbf{X}^T. \quad (1)$$

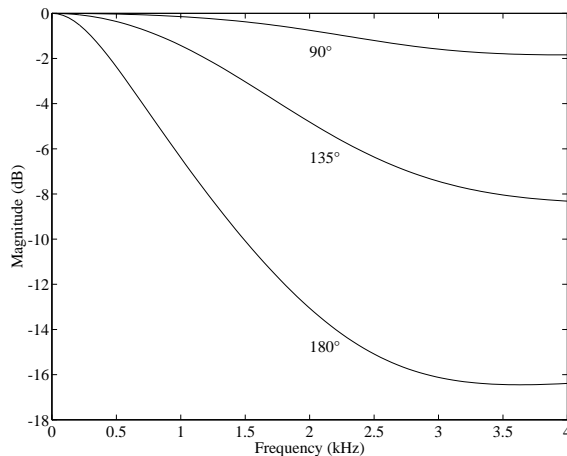


Figure 1: *Directivity measurement of a trumpet.*

3.4. References

List and number all references at the end of the paper. The references can be numbered in alphabetic order or in order of appearance in the document. When you add a new reference, insert a bookmark between the number and the first word of the reference. You will then be able to refer to the reference in the text by inserting a cross-reference to the bookmark. This approach guarantees that the numbering will be correct in the printed document.

In MSWord use “tools, options, view, bookmarks” to view the location of bookmarks. Note that numbers are only updated when you print (or print preview) the document.

In any case, use reference numbers in square brackets as shown at the end of this sentence [1] [2]. The reference format is the standard IEEE one [3]. Check reference numbering before you submit your paper.

4. HEADINGS

Major headings appear in capital letters, bold face if possible, centered in the column.

4.1. Sub Headings

Sub headings appear in capital and lower case, either underlined or in boldface. They start at the left margin on a separate line.

4.1.1. Sub-Sub Headings

Sub-sub headings appear in capital and lower case, indented like a paragraph and on a separate line and in italic typeface.

5. REFERENCES

- [1] R.F. Lyon and C. Mead, “An analog electronic cochlea,” *IEE Trans. ASSP*, pp. 1119–1134, 1988.
- [2] Y. Sjekolati and J.J. Marzipani, “A new recipe for the preparation of sweets for general consumption,” in *Proc. of the 1998 Int. Conf. on Food, Drinks and Sweet Processing*, New York, Apr. 1998, pp. 470–473.
- [3] F. Rooms, “Belgian beers in three easy lessons,” Oct. 2001.