Instructions for Authors

Harry Q. Bovik*
Computer Science Dept.
Cranberry University
Pittsburgh, PA 15213

Coauthor
Affiliation
Address

Coauthor
Affiliation
Address
(if needed)

Abstract

The Abstract paragraph should be indented 0.25 inch (1.5 picas) on both left and right-hand margins. Use 10 point type, with a vertical spacing of 11 points. **Abstract** must be centered, bold, and in point size 12. Two line spaces precede the Abstract. The Abstract must be limited to one paragraph.

1 GENERAL FORMATTING INSTRUCTIONS

Papers are in 2 columns with the overall line width of 6.75 inches (41 picas). Each column is 3.25 inches wide (19.5 picas). The space between the columns is .25 inches wide (1.5 picas). The left margin is 1 inch (6 picas). Use 10 point type with a vertical spacing of 11 points. Times Roman is the preferred typeface throughout.

Paper title is 16 point, caps/lc, bold, centered between 2 horizontal rules. Top rule is 4 points thick and bottom rule is 1 point thick. Allow 1/4 inch space above and below title to rules.

Authors' names are centered, initial caps. The lead author's name is to be listed first (left-most), and the Co-authors' names (if different address) are set to follow. If only one co-author, center both the author and co-author, side-by-side.

One-half line space between paragraphs, with no indent.

* Footnote for author, e.g., to give an alternate address. Not for acknowledging funding agencies.

2 FIRST LEVEL HEADINGS

First level headings are all caps, flush left, bold and in point size 12. One line space before the first level heading and 1/2 line space after the first level heading.

2.1 SECOND LEVEL HEADING

Second level headings must be flush left, all caps, bold and in point size 10. One line space before the second level heading and 1/2 line space after the second level heading.

2.1.1 Third Level Heading

Third level headings must be flush left, initial caps, bold, and in point size 10. One line space before the third level heading and 1/2 line space after the third level heading.

Fourth Level Heading

Fourth level headings must be flush left, initial caps and Roman type. One line space before the fourth level heading and 1/2 line space after the fourth level heading.

2.2 CITATIONS, FIGURES, REFERENCES

2.2.1 Citations in Text

Citations within the text should include the author's last name and year, e.g., (Cheesman 1985). Reference style should follow the style that you are used to using, as long as the citation style is consistent.

2.2.2 Footnotes

Indicate footnotes with a number[1] in the text. Use 8 point type for footnotes. Place the footnotes at the

[1] Sample of the first footnote

bottom of the page on which they appear. Precede the footnote with a 0.5 point horizontal rule 1 inch (6 picas) long.[2]

2.2.3 Figures

All artwork must be centered, neat, clean, and legible. All lines should be very dark for purposes of reproduction and art work should not be hand-drawn. Avoid screens, shading, and pattern fills as these may not reproduce well. Figure number and caption always appear below the figure. Leave 2 line spaces between the figure and the caption. The figure caption is initial caps and each figure numbered consecutively.

Make sure that the figure caption does not get separated from the figure. Leave extra white space at the bottom of the page rather than splitting the figure and figure caption.

Figure 1: Sample Figure Caption

2.2.4 Tables

All tables must be centered, neat, clean, and legible. Do not use hand-drawn tables. Table number and title always appear above the table. See Table 1.

One line space before the table title, one line space after the table title, and one line space after the table. The table title must be initial caps and each table numbered consecutively.

Table 1: Sample Table Title

PART	**DESCRIPTION**
Dendrite	Input terminal
Axon	Output terminal
Soma	Cell body (contains cell nucleus)

[2] Sample of the second footnote

2.2.5 Identification

Make certain that your name is typed or written on the back of every page of your masters, and number pages sequentially. This information is for identification only. Final page numbers will be assigned by the publisher. If you have preferred wording for the abbreviation of a long running head, please include this when you send your paper.

Acknowledgements

Use unnumbered third level headings for the acknowledgements. All acknowledgements go at the end of the paper.

References

References follow the acknowledgements. Use unnumbered third level heading for the references. Any choice of citation style is acceptable as long as you are consistent.

J. Alspector, B. Gupta, and R. B. Allen (1989). Performance of a stochastic learning microchip. In D. S. Touretzky (ed.), *Advances in Neural Information Processing Systems 1*, 748-760. San Mateo, Calif.: Morgan Kaufmann.

F. Rosenblatt (1962). *Principles of Neurodynamics.* Washington, D.C.: Spartan Books.

G. Tesauro (1989). Neurogammon wins computer Olympiad. *Neural Computation* **1**(3):321-323.