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Abstract—This document is a model and instructions for \LaTeX . This and the `IEEEtran.cls` file define the components of your paper [title, text, heads, etc.]. ***CRITICAL: Do Not Use Symbols, Special Characters, Footnotes, or Math in Paper Title or Abstract.**

Index Terms—component, formatting, style, styling, insert

I. INTRODUCTION

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II. NEW SECTION A

A. My subsection A

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III. PREPARE YOUR PAPER BEFORE STYLING

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A. Abbreviations and Acronyms

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C. Equations subsection

Number equations consecutively. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Italicize Roman symbols for quantities and variables, but not Greek symbols. Use a long dash rather than a hyphen for a minus sign. Punctuate equations with commas or periods when they are part of a sentence, as in:

$$a + b = \gamma \quad (1)$$

Be sure that the symbols in your equation have been defined before or immediately following the equation. Use “(1)”, not “Eq. (1)” or “equation (1)”, except at the beginning of a sentence: “Equation (1) is . . .”

D. subsection about BibTeX

BIB_TE_X does not work by magic. It doesn't get the bibliographic data from thin air but from .bib files. If you use BIB_TE_X to produce a bibliography you must send the .bib files.

E. Some Common Mistakes subsection

- example items
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- example items
- There is no period after the “et” in the Latin abbreviation “et al.”.
- The abbreviation “i.e.” means “that is”, and the abbreviation “e.g.” means “for example”.

An excellent style manual for science writers is [1].

F. Another subsection

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G. Identify the Headings

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H. Figures and Tables

a) *Positioning Figures and Tables:* Use the abbreviation “Fig. 1”, even at the beginning of a sentence.

TABLE I
TABLE TYPE STYLES

Table Head	Column Head		
	column subhead	b	a
copy	More table copy ^a	b	a

^aSample of a Table footnote.



Fig. 1. Example of a figure caption.

b) *Another paragraph:* Use the abbreviation “Fig. 2”, even at the beginning of a sentence.



Fig. 2. Example of a figure caption.

c) *Another paragraph:* Use the abbreviation “Fig. 3”, even at the beginning of a sentence.



Fig. 3. Example of a figure caption.

ACKNOWLEDGMENT SECTION

some text of example

REFERENCES SECTION

Please number citations consecutively within brackets [2]. The sentence punctuation follows the bracket [3]. Refer simply to the reference number, as in [4]—do not use “Ref. [4]” or “reference [4]” except at the beginning of a sentence: “Reference [4] was the first . . .”

Unless there are six authors or more give all authors’ names; do not use “et al.”. Papers that have not been published, even if they have been submitted for publication, should be cited as “unpublished” [5]. Papers that have been accepted for publication should be cited as “in press” [6]. Capitalize only the first word in a paper title, except for proper nouns and element symbols. For papers published in translation journals, please give the English citation first, followed by the original foreign-language citation [7].

REFERENCES

- [1] M. Young, *The Technical Writer’s Handbook*. Mill Valley, CA: University Science, 1989.
- [2] J. C. Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed. Oxford: Clarendon, 1892, vol. 2.
- [3] G. Eason, B. Noble, and I. Sneddon, “On certain integrals of lipschitz-hankel type involving products ofessel functions,” *Phil. Trans. Roy. Soc. London*, vol. A247, pp. 529–551, April 1955.
- [4] I. Jacobs and C. Bean, *Fine particles, thin films and exchange anisotropy*. New York: Academic, 1963, vol. III, pp. 271–350.
- [5] K. Elissa, “Title of paper if known.”

- [6] R. Nicole, "Title of paper with only first word capitalized," *J. Name Stand. Abbrev.*, in press.
- [7] Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, "Electron spectroscopy studies on magneto-optical media and plastic substrate interface," *IEEE Transl. J. Magn. Japan*, vol. 2, pp. 740–741, August 1987, digests 9th Annual Conf. Magnetism Japan, p. 301, 1982.

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