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ABSTRACT

The abstract should appear at the top of the left-hand column of text, about 0.5 inch (12 mm) below the title area and no more than 3.125 inches (80 mm) in length. Leave a 0.5 inch (12 mm) space between the end of the abstract and the beginning of the main text. The abstract should contain about 100 to 150 words.

This template should be taken as the default template; most characteristics recommended here shall not be changed, e.g. font size, but it can be changed to improve the graphical looking of the paper, e.g. insertion of boxes, color, etc.

Index Terms— One, two, three, four, five

1. BREVE HISTORIA

The paper must have at most 8 pages formatted as described here. **All manuscripts must be in Portuguese unless there is a non-Portuguese speaking student in the group; in that case, the manuscript will be in English.**

These guidelines include complete descriptions of the fonts, spacing, and related information for producing your manuscripts.

1.1 criador e suas motivações

All printed material, including text, illustrations, and charts, must be kept within a print area of 7 inches (178 mm) wide by 9 inches (229 mm) high. Do not write or print anything outside the print area. The top margin must be 1 inch (25 mm), except for the title page, and the left margin must be 0.75 inch (19 mm). All *text* must be in a two-column format. Columns are to be 3.39 inches (86 mm) wide, with a 0.24 inch (6 mm) space between them. Text must be fully justified. Pages must be numbered.

Try to make the paper visually pleasant, this means for example that figures should be readable, and may use color. Avoid long segments of plain text; try to structure the text in order it is more readable.

2 DEFINIÇÃO

The paper title (on the first page) should begin 1.38 inches (35 mm) from the top edge of the page, centered, completely capitalized, and in Times 14-point, boldface type. The authors' name(s) and affiliation(s) appear below the title in capital and lower case letters. Papers with multiple authors and affiliations may require two or more lines for this information.

2.1 utilidade

To achieve the best rendering, we strongly encourage you to use Times-Roman font. In addition, this will give the set of papers a more uniform look. Use a font that is no smaller than nine point type and no bigger than ten point type throughout the paper, including figure captions.

In nine point type font, capital letters are 2 mm high. If you use the smallest point size, there should be no more than 3.2 lines/cm (8 lines/inch) vertically. This is a minimum spacing; 2.75 lines/cm (7 lines/inch) will make the paper much more readable. Larger type sizes require correspondingly larger vertical spacing. Please do not double-space your paper. True-Type 1 fonts are preferred.

The first paragraph in each section should not be indented, but all following paragraphs within the section should be indented as these paragraphs demonstrate.

2.2 Tecnologia

Major headings, for example, “1. Introduction”, should appear in all capital letters, bold face if possible, centered in the column, with one blank line before, and one blank line after. Use a period (“.”) after the heading number, not a colon. It is suggested all headings are numbered in an automatic way.

3. ALTERNATIVA

Subheadings should appear in lower case (initial word capitalized) in boldface. They should start at the left margin on a separate line.

Sub-subheadings, as in this paragraph, are discouraged. However, if you must use them, they should appear in lower

case (initial word capitalized) and start at the left margin on a separate line, with paragraph text beginning on the following line. They should be in italics.

3.1 Realidade virtual

Illustrations must appear within the designated margins. They may span the two columns. If possible, position illustrations at the top of columns, rather than in the middle or at the bottom. Caption and number every illustration with font size 10. Each figure should be minimally described in the text and should not appear before it is mentioned in the text.

If you want to include material such as video, and audio do it by using a link included as reference.

4. APLICAÇÕES

Use footnotes sparingly (or not at all!) and place them at the bottom of the column on the page on which they are referenced. Use Times 9-point type, single-spaced. To help your readers, avoid using footnotes altogether and include necessary peripheral observations in the text (within parentheses, if you prefer, as in this sentence).

4.1 TOP TEN

This section includes any acknowledgement you may wish to make.

5. CONCORRENCIA / CUSTOS

List and number all bibliographical references at the end of the paper. The references can be numbered in alphabetic order or in order of appearance in the document. All the references in the list MUST be referred in the text at some stage. When referring to them in the text, type the corresponding reference number in square brackets as shown at the end of this sentence [1]. It is suggested that all references are introduced as links to be list of references to allow automatic updating. The various elements in a reference must be ordered and formatted as in the examples in the following depending on their type, e.g. conference paper, journal paper, book.

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BIBLIOGRAFIA



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field of study should be lower-cased.

The second paragraph uses the pronoun of the person (he or she) and not the author's last name. It lists military and work experience, including summer and fellowship jobs. Job titles are capitalized. The current job must have a location; previous positions may be listed without one. Information concerning previous publications may be included. Try not to list more than three books or published articles. The format for listing publishers of a book within the biography is: title of book (city, state: publisher name, year) similar to a reference. Current and previous research interests ends the paragraph.

The third paragraph begins with the author's title and last name (e.g., Dr. Smith, Prof. Jones, Mr. Kajor, Ms. Hunter). List any memberships in professional societies other than the IEEE. Finally, list any awards and work for IEEE committees and publications. If a photograph is provided, the biography will be indented around it. The photograph is placed at the top left of the biography. Personal hobbies will be deleted from the biography.