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Instructions for the Preparation of Article for Transactions on Electrical and Electronic Materials (bold, 15 points)

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These pages provide you with an example of the layout and style which we wish you to adopt during the preparation of your paper. Make the width of abstract to be 14cm.

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Keywords : List less than 5 keywords related to this article

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1. FORMAT

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We recommend to use MS Word processor and prepare text within the dimensions shown on these pages; In A4 paper, left and right margin are 16mm respectively, 8mm middle margin, 35mm top margin, and 27mm bottom margin. When a paragraph starts, give an indent of 2 characters. In the last page of the article, make the length of left and right stage to be equal approximately.

Make use of the maximum stipulated length apart from the following two exceptions (i) do not begin a new section directly at the bottom of a page, but transfer the heading to the top of the next column; (ii) you may exceed the length of the text area by one line only in order to complete a section of text or a paragraph.

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1.1 Spacing

We normally recommend the use of 1.0 (single) line spacing. However, when typing complicated mathematical text it is important to increase the space between text lines in order to prevent sub- and super-script fonts overlapping one another and making your printed matter illegible.

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1.2 Fonts

These instructions have been produced using a 10.5 point Times Roman font. Title and subtitle are written in bold-faced characters.

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2. PRINTOUT

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Please make use of good quality plain white A4 paper size. Here we demonstrate a problem which we often experience with computer printout. Printers sometimes produce text which contains light and dark streaks, or has considerable lighting variation either between left- and right-hand margins or between text heads and bottoms. To achieve optimal reproduction quality, the contrast of text lettering must be uniform, sharp, and dark over the whole page and throughout the article.

If corrections are made to the printout, run-off completely new replacement pages. The contrast on these pages should be consistent with the rest of the paper as should text dimensions and font sizes.

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3. TABLES AND ILLUSTRATIONS

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Tables and illustrations should be originals or sharp prints. They should be arranged throughout the text preferably being included on the same page as they are first discussed. They should have a self-contained caption and be positioned in center margin within the column. If they do not fit into one column they may be placed across both columns in which case place them at the top or at the bottom of a page.

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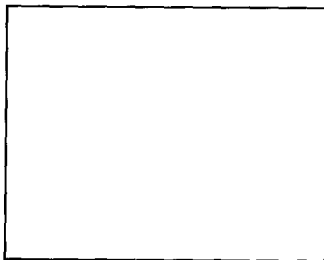
Table 1. Periodic table of elements.

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3.1 Tables

Tables should be presented in the form shown in Table 1. Their layout should be consistent throughout. Horizontal lines should be placed above and below table headings, above the subheadings and at the end of the table above any notes. Vertical lines should be avoided. If a table is too long to fit onto one page, the table number and headings should be repeated on the next page before the table is continued.

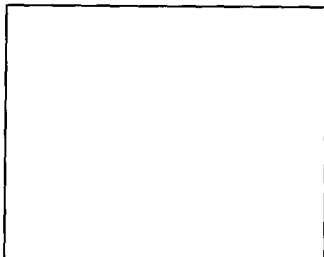
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Fig. 1. Good quality figure with clear lettering.

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Fig. 2. Bad quality, distorted figure; lettering is too small.

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3.2 Line drawing

Line drawings should be drawn in India ink on tracing paper with the aid of a stencil or be glossy of the same, if they have not been prepared on your computer facility. They should be attached to your manuscript page, correctly aligned. All illustrations should be clearly displayed by leaving at least a single line of spacing above and below them. When placing a figure at the top of a page, the top of the figure should be at the same level as the bottom of the first text line of the other column.

All notations and lettering should be no less than 2 mm high. The use of heavy black, bold lettering should be avoided as this will look unpleasantly dark when printed.

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3.3 Black and white photographs

Photographs must always be sharp originals (*not screened versions*) and rich in contrast. They should be pasted on your page in the same way as line drawings.

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3.4 Color photographs

Sharp originals should be submitted close to the size expected in publication. Charges for the processing and printing of color will be passed on to the author(s) of the paper. As the costs involved are per page, care should be taken in the selection of size and shape so that two or more illustrations may be fitted together on one page.

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4. EQUATION

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Equations are placed in center and should be preceded and followed by one line of white.

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$$H\alpha \beta (\omega) = E\alpha (0)\delta \alpha \beta + <\alpha :W\pi : \beta > \quad (1)$$

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If they are numbered, make sure that they are numbered consecutively. Place the numbers in parentheses. Flush with the right-hand margin of the column and level with the last line of the equation.

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ACKNOWLEDGMENTS

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