**Instructions for Manuscript Preparation**

***Advanced Biomedical Engineering***

May, 2012.  
May, 2014.  
Aug, 2015.

# Format

Use a page size corresponding to A4. Start the title page and abstract from the first page, followed by the main text from the next page. The margins should be 25 mm at the top, 20 mm at the bottom, and 15 mm on the right and left. One page should consist of 60 or 70 lines.

Use a font size of 10.5 point in the main text. The standard font is Times New Roman for regular letters and Arial for bold letters. For details, refer to the attached template.

Format the title page and abstract in single column, and the main text in double column.

Authors should use the template provided with this document.

# Title page

On page 1 of the manuscript, enter the title of the manuscript, names of authors, and affiliations. Leave the dates of receipt and revision blank for entry by the editorial office. The title should be concise. If the title exceeds 50 characters including spaces, add a shortened title following the example given in the template.

**(Example)**

**A Recording and Processing Method for Manual Tracking of Two Dimensional Visual Target**

Taroh Iko\*, Jiroh Seitai\*\*

\* Department of Electronics Engineering, College of Science and Engineering, Tohto University, Tokyo, Japan.

\*\* Department of Research and Development, Namba Electronics Industry Inc., HigashiOsaka, Japan.

**A Method for Manual Tracking (abbreviated title)**

# Abstract

1. For Original Papers, Research Letters, and Technical Notes, an abstract should be written after the title. The abstract should be no longer than 350 words.
2. The abstract should be written in a way that the main contents and conclusion of the paper are understandable as a stand-alone document. Do not cite figures, tables or references in the abstract. Since abstracts may be reprinted unmodified in abstracting journals or database, write the abstract accurately and carefully. Also, a structured abstract is not accepted due to the limited space for abstract.
3. Provide up to five keywords below the abstract.

# Main Text

1. Start the main text on a new page after the abstract.
2. Number headings as follows:

● Number headings of sections consecutively as 1., 2., ……, and center the heading.

● Number headings of subsections consecutively as 1.1, 1.2, …… and left justify the heading. Start the text on the next line.

● Number headings of further subsections consecutively as 1.1.1, 1.1.2 ……, and left justify the heading. Start the text on the next line.

● Number headings of items consecutively as 1), 2) ……., and left justify the heading. Start the text after leaving one space.

1. For studies conducted on animal or human subjects, include statements concerning ethical consideration.

Example 1): This study was conducted in accordance with the ethical principle of Helsinki Declaration, and after obtaining informed consent from each subject. The study was approved by the (ethics committee) of (the affiliated institution).

Example 2): This study was conducted in accordance with the Fundamental Guidelines for Proper Conduct of Animal Experiment and Related Activities in Academic Research Institutions (Ministry of Education, Culture, Sports, Science and Technology, Notice No. 71). The study was approved by the (ethics committee) of (the affiliated institution).

Example 3): This study was conducted in accordance with the Ethical Guidelines for Human Genome/Gene Analysis Research by the Ministry of Health, Labor and Welfare, and was approved by the (ethics committee) of (the affiliated institution).

( ): Enter the names of the institution and the committee as appropriate.

1. Report data in SI units as far as possible.
2. Use italic font style for symbols expressing quantities. Use upright font style for units and symbols of elements.
3. The hierarchy of brackets is [ { ( ) } ].
4. Write the manuscript as concisely as possible. Avoid lengthy presentation of equation conversions and experimental data.

# Footnotes and References

1. Indicate footnote by symbols such as 1 and 2, and write the footnote at the bottom of the manuscript paper. Footnote should be kept to an absolute minimum.
2. Cite references in numeric order by order of mention in the text, and indicate as [1], [3, 5], or [7–10] at the place of citation. Display a list of references at the end of the text.
3. List the surnames and initials of all authors in the reference list. Give reference titles in full without shortening. Write volume number in bold letter. For details, see the following examples.

**Article in journal:**

1. Kohne KH, Berstein R: Shading 3D-images from CT using gray-level gradients. IEEE Trans Med Imag. **MI-5**(1), pp. 45‒47, 1986.

**Book:**

1. Born M, Wolf E: Principles of Medical Engineering, 2nd ed. Pergamon Press, New York, pp. 69‒94, 1988.

**Chapter in book:**

1. Chandler S: Adaptive model control applied to real time blood pressure regulation. *In*: Black C ed. Pattern Recognition and Machine Learning, McGraw-Hill, Berlin, pp. 310‒324, 1985.

**Proceedings and others:**

1. Heel N: Automated blood pressure control using a self-tuning regulator. Proc of NCGA’S Computer Graphics Conference ’87, Vol. 2. Am Med Eng Soc. New York, pp. 152‒161, 1988.

**Patents:**

1. White AG: US Patent No. 1234567. 1982.

**On-line article:**

1. Web page producer or author (for PDF, etc.): Name of web page or name of document (for PDF, etc.). <http ://www.xxxx.com/yyy/bbb.htm> [accessed on March 8, 2001]
2. References are restricted to published papers that can be searched generally. Avoid references that are difficult to access or not searchable. (Examples of documents that cannot be cited as reference: company data, unpublished paper, unpublished thesis, private letter, catalogue)

# Figures, Photographs and Tables

1. Characters in figures, photographs, and tables should be uncapitalized in principal.
2. Do not display figures, tables and photographs on separate pages. Embed in the text at appropriate locations in appropriate sizes, anticipating the appearance on printed pages.
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4. Place the figure title below the figure, and the table title above the table.

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