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Books, Monographs (Online)

- Basic Format:**
- J. K. Author, "Title of chapter in the book," in *Title of Published Book*, xth ed. City of Publisher, State, Country: Abbrev. of Publisher, year, ch. x, sec. x, pp. xxx–xxx, [Online]. Available: <http://www.web.com>
- Examples:**
- G. O. Young, "Synthetic structure of industrial plastics," in *Plastics, vol. 3, Polymers of Hexadromicon*, J. Peters, Ed., 2nd ed. New York, NY, USA: McGraw-Hill, 1964, pp. 15–64. [Online]. Available: <http://www.booker.com>.
 - The Terahertz Wave eBook*, ZOmega Terahertz Corp., 2014, [Online]. Available: http://dl.z-thz.com/eBook/zomega_ebook.pdf. Accessed: May 19, 2014.
 - P. B. Kurland and R. Lerner, Eds., *The Founders' Constitution*, Chicago, IL, USA: Univ. of Chicago Press, 1987. Accessed: Feb. 28, 2010. [Online]. Available: <http://press-pubs.uchicago.edu/founders/>

Book Translated

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- J. K. Author, "Title of chapter in the book," in *Title of Published Book*, X. Editor, Ed., xth ed. City of Publisher, State (only U.S.), Country: Abbrev. of Publisher (in Language), year, ch. x, sec. x, pp. xxx–xxx.
- Examples:**
- K. Ichijo, *That Economy and Railway 1885–1935*, Tokyo: Nihon Keizai Hyoronsha (in Japanese), 2000.
 - M. Gorkin, "Optimal design," *Dokl. Akad. Nauk SSSR*, vol. 12, pp. 111–122, 1961 (Transl.: in L. Pontryagin, Ed., *The Mathematical Theory of Optimal Processes*, New York, NY, USA: Interscience, 1962, ch. 2, sec. 3, pp. 127–135).

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- Examples:**
- T. Ogura, "Electronic government and surveillance-oriented society," in *Theorizing Surveillance: The Panopticon and Beyond*, Cullompton, UK: Willan, 2006, ch. 13, pp. 270–295.
 - L. Li, J. Yang, and C. Li, "Super-resolution restoration and image reconstruction for passive millimeter wave imaging," in *Image Restoration—Recent Advances and Applications*, A. Hristic, Ed., Rijeka, Croatia: InTech, 2012, pp. 25–45.

Paper Format for the Proceedings of the 2011 IEEE International Conference on Computational Intelligence and Computing Research

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Abstract - These instructions give you basic guidelines for preparing papers for the ICCIC2011 Proceedings. Papers up to 2 pages can be submitted in this format. The document is a template for Microsoft Word. If you are reading a paper version of this document, please download the electronic file from the Conference website so you can use it to prepare your manuscript. Abbreviations should not exceed 150 words. To allow retrieval by search engines, please include appropriate key words in your abstract, in alphabetical order, separated by commas.

Keywords - Fonts, formatting, margins

I. INTRODUCTION

Your goal is to simulate, as closely as possible, the usual appearance of typeset papers in the *IEEE Transactions*. One difference is that authors' affiliations should appear immediately following their names—do not include your title there. For items not addressed in these instructions, please refer to a recent issue of an *IEEE Transactions*.

II. METHODOLOGY

All papers must be submitted electronically in pdf format. Prepare your paper using a A4 page size of 210 mm × 297 mm (8.27" × 11.69"). The best results will be obtained using a computer word processor has several type sizes. Try to follow the type sizes specified in Table I as best as you can. Use 14 point bold, capital letters for the title, 12 point Roman (normal) character for author names and 10 point Roman characters for the main text and author's affiliations.

2) **Font size and typeface.** The best results will be obtained using a computer word processor has several type sizes. Try to follow the type sizes specified in Table I as best as you can. Use 14 point bold, capital letters for the title, 12 point Roman (normal) character for author names and 10 point Roman characters for the main text and author's affiliations.

In formating your page, set top margin to 25 mm (1") and bottom margin to 31 mm (1 1/4"). Left and right margins should be 19 mm (3/4"). Use a two-column format where each column is 83 mm (3 1/4") wide and spacing of 6 mm (1/4") between columns. Indent headings by 6 mm (1/4") to the left.

Left and right-justify your columns. Use tables and figures to adjust column lengths. Use automatic hyphenation and check spelling. All figures, tables, and equations must be included *in-line* with the text. Do not use links to external files.

III. RESULTS

A. Figures and Tables

Graphics should be in TIFF, 600 dpi (1 bit/sample) for line art (graphics, charts, drawings or tables) and 220 dpi for photos and gray scale images.

Position figures and tables at the tops and bottoms of columns. Avoid placing them in the middle of columns. Large figures and tables should span multiple columns.

Figure captions should be below the figures; table names and table captions should be above the tables. Use the abbreviation "Fig." even at the beginning of a sentence.

Figure axis labels are often a source of confusion. Try to use words rather than symbols. As an example, write the quantity "Magnetization" or "Magnetic field" instead of "A/m". Put "m" in parenthesis. Do not label axes only with units. As in Fig. 1, for example, write "Magnetization (A/m)" or "Magnetization (A·m⁻¹)", not just "A/m". Do not label axes with a ratio of quantities and units. For example, write "Temperature (K)," not "Temperature K".

Multiples can be especially confusing. Write "Magnetization (KA/m)" or "Magnetization (10³ A/m)". Do not write "Magnetization (A/m) × 1000" because the reader would not know whether the top axis label in Fig. 1 meant 16000 A/m or 0.016 A/m. Figure labels should be legible, approximately 10-point type.

TABLE I
TYPE SIZES FOR CAMERA-READY PAPERS

Type Size	Appearance	Bold	Italic
10	Regular		
7	Table captions*		
8	Section titles, tables, table names*, first letters in table captions*, table superscripts, figure captions, test superscripts, figure legends, references, footnotes		
9	Authors' affiliation, main text, equations, first letter in section titles*, first letter in table names*	Abstract	Subheading
10	Authors' names		
12	Authors' names		
14	Footnote		

*Capital letters

Face Expression Recognition and Analysis:

The State of the Art

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Abstract—The automatic recognition of faces in images has been an active research topic since the early 1960s. There have been many milestones in this field, such as the work of M. Fischler and J. Elion in 1963, the work of R. Biedenbach and J. Elion in 1965, the work of R. C. Bolles and J. M. Brady in 1980, and the work of T. S. Huang and C. S. Chen in 1982. The work of T. S. Huang and C. S. Chen in 1982 is considered as one of the most important milestones in this field. This paper reviews the state-of-the-art in face expression analysis and face recognition. It also highlights the challenges and future directions in this field.

Index Terms—Facial expression, emotion detection, face detection, face tracking, facial action unit detection, face recognition.

1. Introduction

Studies on Facial Expression and Perception date back to the early 1960s (see Survey [1]).

It is well-known a person's character or personality can be inferred from his or her expression, especially by his or her eyes. Therefore, the study of facial expression and perception has been an active research area for decades.

Facial expression analysis has been a challenging task in computer vision. The first work on facial expression analysis was done by T. S. Huang and C. S. Chen in 1982 [2].

After that, many researchers have made significant contributions to this field. For example, in 1990, T. S. Huang and C. S. Chen proposed a hierarchical model for facial expression analysis [3].

Then, in 1994, T. S. Huang and C. S. Chen proposed a new model for facial expression analysis [4].

After that, many researchers have made significant contributions to this field. For example, in 1994, T. S. Huang and C. S. Chen proposed a new model for facial expression analysis [4].

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