

# 3D Object Detection in RGBD Image Using View Independent Feature

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**Abstract:** These instructions give you basic guidelines for preparing papers for Chinese Control and Decision Conference. Note that “Abstract” and “Key Words” are bold.

**Key Words:** Paper, Instruction, Chinese Control and Decision Conference

Table 1: Page Margins

Paper Size	(21×29.7)cm
Top Margin (1st page)	3.5cm
Top Margin (rest)	2cm
Left Margin	1.9cm
Right Margin	1.9cm
Bottom Margin	2.7cm
Text Width	17.2cm
Text Height	25cm
Column Width	8.25cm
Column Separation	0.7cm

Table 2: Font Settings

Title	Times New Roman, 16pt,bold
Author List	Times New Roman, 11pt
Authors Address	9pt
Abstract, Key Words	9pt
Section Titles	11pt,bold
Subsection Titles	10pt,bold
Normal Text	10pt
Table/Figure Captions	9pt
References, Footnotes	8pt

## 1 INTRODUCTION

Traditional 2D detection only output

### 1.1 Instructions for Authors

In order for the proceedings to be ready for distribution at the conference, an electronic copy (PDF format) of the final version of your paper must be submitted via CCDC Paper Management System via <http://www.ccdc.neu.edu.cn/>. Please follow the submission instructions shown on the web site.

## 2 FORMATTING INSTRUCTIONS

$\LaTeX$  2<sub>ε</sub> Authors: please try to use the paragraph styles contained in this document.

### 2.1 Length

The maximum allowed number of pages is 6.

### 2.2 Page/Font Settings

It is strongly recommended that prospective authors download suitable style file for use with  $\LaTeX$  and templates for use with MS Word.

Style files and templates provided here have been created to ensure that margin requirement is adequately met. If, for some reason, you are not able to use provided templates or style files, please observe the following margins and font settings strictly.

### 2.3 Section and Subsection Headings

Number section and subsection headings consecutively in Arabic numbers and type them in bold. Avoid using too many capital letters. If any further subdivision of a subsection is needed the titles should be 10 point and flushed left.

### 2.4 Main Text

Use Times New Roman with font size 10 point for text (character size). Paragraphs are separated by 6 point and with no indentation. You may type on plain white A4 paper. Typing area should not exceed 172mm × 250mm. The text should be prepared with a double column format and single line spacing.

### 2.5 Tables

All tables must be centered in the column and numbered consecutively (in Arabic numbers). Table headings should be placed above the table. Place tables as close as possible to where they are mentioned in the main text (see Table 1 and Table 2).

### 2.6 Figures

All illustrations should be original drawings or photographic prints of originals. Photographs should be glossy prints. Photocopies are often not good enough and should be avoided. All illustrations must be numbered consecutively, using Arabic numbers. Center figure captions beneath the figure (see Figure 1). If possible, do not assemble figures at the back of your article, but place them as close as possible to where they are mentioned in the main text. No

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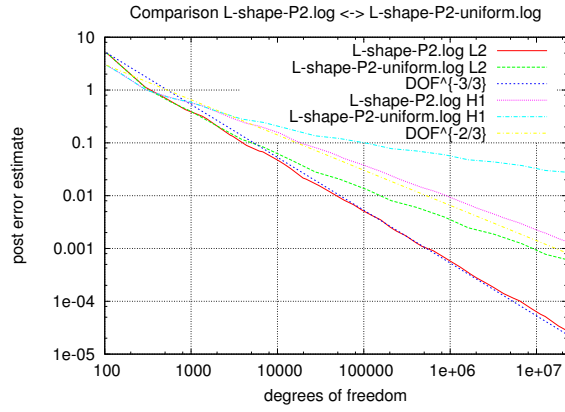


Figure 1: The Caption

part of a figure should go beyond the typing area. Captions should appear below graphical objects, as in Figure 1.

Color and grayscale figures should be prepared with 400 dpi resolution and saved with no compression, monochrome figure should be prepared with 600 dpi resolution and saved with no compression.

## 2.7 Mathematical Formulas

Mathematical formulas should be roughly centered and have to be numbered as formula (1).

$$\lambda_{1,2} = 0.5 \left[ c_{11} + c_{12} \sqrt{(c_{11} + c_{12})^2 + 4c_{12}c_{21}} \right] \quad (1)$$

## 2.8 References

Number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Please note that the references at the end of this document are in the preferred referencing style. Give all authors's names; do

not use "et al." unless there are six authors or more. Use a space after authors' initials.

## 3 CHECKLIST

- Do not end a page with a section or subsection heading.
- Do not include page numbers in the text.
- Large figures, tables and mathematical equations may span both columns.
- To balance the two columns on the last page, place the command `\balance` somewhere in the text of what would be the first column of the last page without balanced columns.
- If you have to plug a large formula, table, etc., which needs a cross column space, you must add option `usemulticol` into the command `\documentclass`, then use the command `\singlecolumn{content}` to input cross column contents.

## 4 PAPER SUBMISSION

After proofreading your paper, it (PDF formats) must be submitted via <http://www.ccdc.neu.edu.cn/>.

## REFERENCES

- [1] D. Z. Cheng, Controllability of switched bilinear systems, IEEE Trans. on Automatic Control, Vol.50, No.4, 511-515, 2005.
- [2] H. Poor, An Introduction to Signal Detection and Estimation, New York: Springer-Verlag, Chap. 4, 1985.
- [3] B. Smith, An approach to graphs of linear forms, accepted.