

IRIS ITS Team Description

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Abstract. The abstract should briefly summarize the contents of the paper in 150–250 words. Nulla ac nisl. Nullam urna nulla, ullamcorper in, interdum sit amet, gravida ut, risus. Aenean ac enim. In luctus. Phasellus eu quam vitae turpis viverra pellentesque. Duis feugiat felis ut enim. Phasellus pharetra, sem id porttitor sodales, magna nunc aliquet nibh, nec blandit nisl mauris at pede. Suspendisse risus risus, lobortis eget, semper at, imperdiet sit amet, quam. Quisque scelerisque dapibus nibh. Nam enim. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ut metus. Ut metus justo, auctor at, ultrices eu, sagittis ut, purus. Aliquam aliquam.

Keywords: First keyword · Second keyword · Another keyword.

1 Introduction

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2 Mechanical Design

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3 Electrical Design

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4 Software Design

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4.1 Software Architecture

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5 Example

Example of using table

Table 1. Table captions should be placed above the tables.

Heading level	Example	Font size and style
Title (centered)	Lecture Notes	14 point, bold
1st-level heading	1 Introduction	12 point, bold
2nd-level heading	2.1 Printing Area	10 point, bold
3rd-level heading	Run-in Heading in Bold. Text follows	10 point, bold
4th-level heading	<i>Lowest Level Heading.</i> Text follows	10 point, italic

Example of using figure



Fig. 1. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

Example of using equation

$$x + y = z$$

(1)

Example of using theorem

Theorem 1. *Theorem content, for example: $x + y = z$*

Example of using proof

Proof. Proof content, for example: $x + y = z$

Example of using algorithm

Algorithm 1 Process Lines on Frame

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1: procedure PROCESSLINESONFRAME
2:   Initialize lines_on_frame as an empty vector
3:   for angle from 0 to 360 with step size 2.5 do
4:     Initialize dist to 0
5:     for index from 0 to 320 do
6:        $x \leftarrow \text{dist} \times \cos(\text{angle}) + \text{center\_cam\_x}$ 
7:        $y \leftarrow \text{center\_cam\_y} - \text{dist} \times \sin(\text{angle})$ 
8:       if frame[y][x] == 255 then
9:         Push (x, y) to lines_on_frame
10:      end if
11:       $\text{dist} \leftarrow \text{dist} + 1$ 
12:    end for
13:  end for
14: end procedure

```

Example of using citation [1].

References

1. Homepage, L.: Lecture notes in computer science. <http://www.springer.com/lncs>, last accessed: 2023/10/25