

Title

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Outline

1 Introduction

2 Methodology

3 Experiments

- Main experiment (1 page in total)
- Ablation study (3 in total)

4 Related Work

- Sub-title for another topic
- Sub-title for another topic

5 Conclusion

6 Reference

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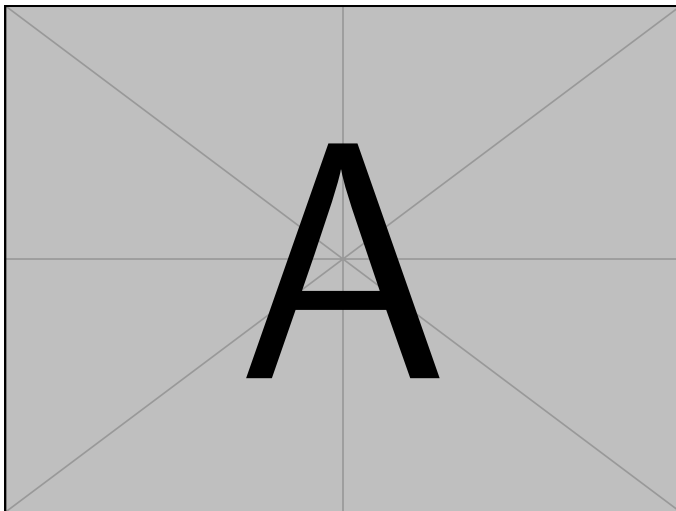
4 Related Work

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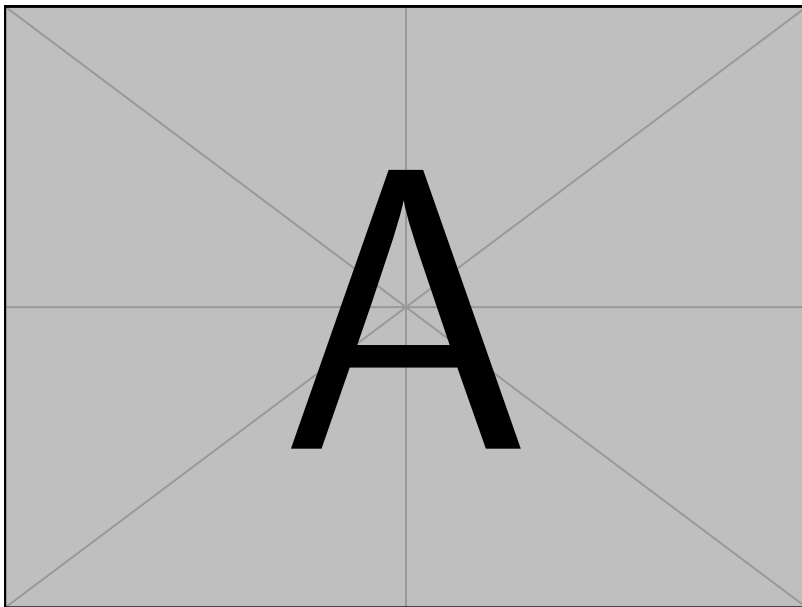
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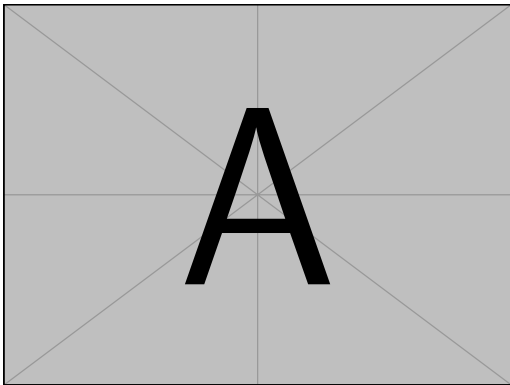
Single Image Example



A high-resolution microscopy image showing cellular structure

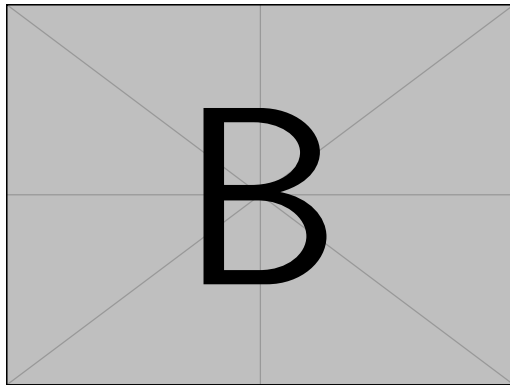


Comparative Analysis



Control group

- Base measurement
- Standard conditions



Treatment group

- 35% improvement
- Modified parameters

Background

Recent studies ... The methodology proposed by Zhang et al. (2024) demonstrates improved efficiency.

Challenges

Some thing here.

Our Approach

Solution

1

Contribution

- 1 Summarize the contribution.

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Framework

Algorithm Template I

Algorithm Template II

Algorithm Simple Template

```
1: for  $i = 1$  to  $n$  do
2:    $\text{sum} \leftarrow \text{sum} + i$ 
3:   if  $\text{sum} \nabla \text{threshold}$  then
4:      $\text{flag} \leftarrow \text{true}$  ▷ Comments.
5:   else if  $\text{sum} = \text{threshold}$  then
6:      $\text{count} \leftarrow \text{count} + 1$ 
7:   else
8:      $\text{flag} \leftarrow \text{false}$ 
9:   end if
10: end for
11: while  $x < 10$  do
12:    $x \leftarrow x + 1$ 
13: end while
14: return  $\text{result} = 0$ 
```

Equation Cases with Explanations

$$|x| = \begin{cases} \underbrace{x} & \text{when } x = 0 \end{cases}$$

$$f(n) = \begin{cases} \underbrace{n/2}_{\text{even case}} & \text{if } n \text{ is even} \\ \underbrace{3n+1}_{\text{odd case}} & \text{if } n \text{ is odd} \end{cases}$$

Formula Explanation with Braces

Example 1: Simple underbrace:

$$f(x) = \underbrace{-\frac{1}{16}x^2}_{\text{quadratic term}} + \underbrace{4x}_{\text{linear term}} + \underbrace{7}_{\text{constant}}$$

Example 2: Multiple levels of braces:

$$E = \underbrace{\underbrace{mc^2}_{\text{rest energy}} + \underbrace{\frac{1}{2}mv^2}_{\text{kinetic energy}}}_{\text{total energy}}$$

Example 3: Combining over and under braces:

$$\overbrace{a + b + c}^{\text{sum}} = \frac{(a + b + c)}{\underbrace{3}_{\text{average}}} \times 3$$

Text Highlighting Examples

This is an example of a multi-line highlighted text block. The highlighting continues seamlessly across line breaks, making it perfect for emphasizing entire paragraphs or long sections of text.

Regular text with highlighted words in between. You can highlight specific terms or important concepts within a sentence. The highlighting can be used for individual words or short phrases.

Another example of multi-line highlighting, this time in light blue. This approach is particularly useful when you need to emphasize large blocks of text while maintaining readability.

Mix Different Highlights

Mix different highlights in the same paragraph: Here's some text with purple highlights mixed with blue highlights to emphasize different concepts or ideas .

This is an example of justified text within a highlighted box. The text will stretch to fill the width of the frame while maintaining the highlight effect. This is particularly useful for formal presentations where text alignment is important.

Advanced Highlighting Techniques

A narrower highlighted block that doesn't span the full width of the frame.

This paragraph demonstrates how to highlight specific terms while keeping the rest of the text normal. You can even nest different highlight colors for emphasis.

- Point one with highlighted terms
- Entire point highlighted in blue
- Point three with purple and blue highlights

A quoted text block with highlighting. Perfect for emphasizing important quotes or references in your presentation.

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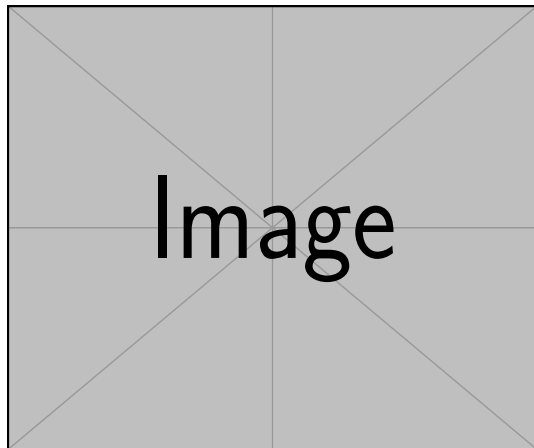
Experiments

- 1 Description of the main experiments.

Part 1

Part 1

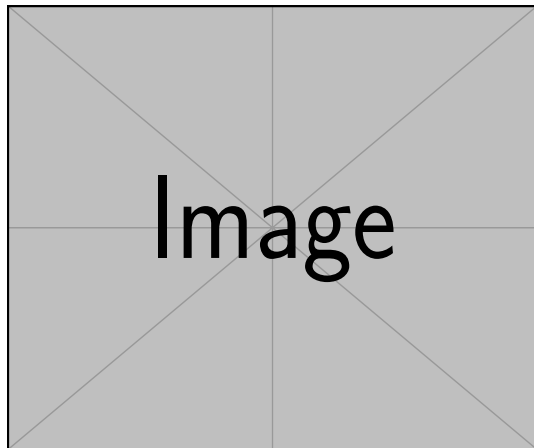
1 Items to be tested.



Part 2

Embedding methods

1 Items.



Part 3

Some other ablation experiments.

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Part 1

Formal academic review.

Sub-title for another topic

Part 2

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References I

X. Zhang, L. Wang, and Y. Li. Advanced analysis of neural networks. *Journal of AI Research*, 15:123–145, 2024.