# CA REPORT

*student1, student2, etc*

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## ABSTRACT

Briefly describe your problem statement and the proposed approach.

***Index Terms***— One, two, three, four, five

## 1. INTRODUCTION

Describe the problem you are working on and why it is important.

- The main report is provided in *.tex file

- The reference is provided in *.bib file

- The figures are provided as separate jpg/png files

## 2. RELATED WORK

Discuss published works or online references that relate to your project, such as [1]

## 3. PROPOSED APPROACH

## 4. EXPERIMENTAL RESULTS

$$B_{r,c} = \sum \{f(i,j)|(i,j) \in \Omega_{r,c}\}. \qquad (1)$$

$$\sum_{x} = a + b + \hat{c}, \qquad (2)$$

An inline equation is $a + b = c$. An example of two-column figure is provided in Figure 1, and the single-column figures is provided in Figure 2.

**Table 1**. The performance comparison.

| Approach | Ref. [1] | Ref. [1] | Proposed approach |
|----------|----------|----------|-------------------|
| Metric A | 0.8181 | 0.9171 | 0.9616 |
| Metric B | 0.8236 | 0.7654 | 0.8615 |

## 5. CONCLUSIONS

Summarize your key results. What are limitations of your approach? Suggest ideas for future extensions of your ideas.

## 6. REFERENCES

[1] D. Adams, *The Hitchhiker's Guide to the Galaxy*, San Val, 1995.

**Fig. 1**. Test figure (two-column).



(a)  (b)  text (c)

**Fig. 2**. Test figure (single column).