

PERSON RE-IDENTIFICATION IN CROWD SURVEILLANCE

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ABSTRACT

Briefly describe your problem statement and the proposed approach.

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

1. INTRODUCTION

Person(Pedestrian) Re-Identification is one of the key video analysis technologies involved in current crowd surveillance scenes, and is the prerequisite of other crowd surveillance tasks such as cross camera person tracking. While to an extent image based person re-identification is exploited by researchers, video based re-identification task receives increasing attentions. Comparing to static images or low frame rate video, continuous video can potentially to preserve more critical information required to recognize visual patterns in public crowded scenarios, such as motion and gait of pedestrian. The goal of video based person re-identification is to re-identify the same person captured by one camera in another camera settings.

- 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

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

$$\sum_x = a + b + \hat{c}, \quad (2)$$

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.

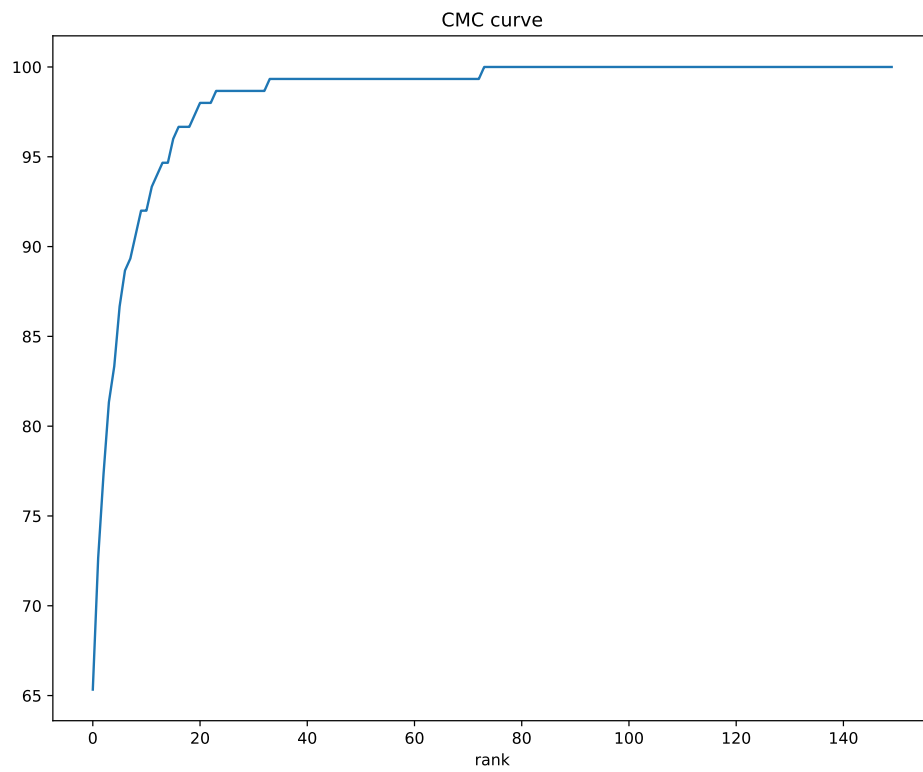
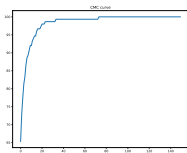


Fig. 1. Test figure (two-column).



(a)



(b)

text
(c)

Fig. 2. Test figure (single column).