

Your paper name

Author1 · Author 2

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Abstract The abstract of your paper.

Keywords key words 1 · key words 2 · etc.

1 Introduction

This is the *latex* [1] template for Applied Intellengence papers.

2 related work

This section described the related work that have been done by other people.

3 proposed model

There maybe some equations or formulas in your paper, such as the regression decision function of SVM is shown in Eq.(1)

$$y = f(x) = \omega^T \Phi(x) + b \quad (1)$$

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And constrained quadratic programming problems shown in Eq.(2).

$$\begin{aligned} \min \quad & F(\omega, \xi_i, \xi_i^*) = \frac{1}{2} \|\omega\|^2 + C \sum_{i=1}^N (\xi_i + \xi_i^*) \\ \text{s.t.} \quad & y - \omega \Phi(x_i) - b \leq \varepsilon + \xi_i \\ & \omega \Phi(x_i) + b - y \leq \varepsilon + \xi_i^* \\ & \xi_i, \xi_i^* \geq 0 \end{aligned} \quad (2)$$

4 XXXX Algorithm

Introduce your algorithm if you have one, ignore it otherwise. You may propose a algorithm and you need give a pseudocode shown in Algorithm 1.

Algorithm 1 The name of your proposed algorithm

Input the input of your algorithm
Output the output of your algorithm
1: **procedure** YOUR ALGORITHM'S NAME(parameters)
2: a ;
3: $a \leftarrow b + c$;
4: **for** $i = 1 \rightarrow N$ **do**
5: $i \leftarrow i + 1$
6: **if** conditions **then**
7: break;
8: **end if**
9: **end for**
10: **end procedure**

5 Experiments and Analysis

Your experiments and the analysis for your experiments. You may need some figures to describe your experiments. Of course you can draw your figures in this file. However,



Fig. 1: the name of fig.1

Table 1: The table of student's scores

subjects	Chinese	Math	English	Computer
Alice	86	100	91	93
Bob	79	89	95	90

you can also draw your figures in other tex file and import the figures in this file, which added the simplicity of this tex file. The first figure is shown in Fig.1

Of course, there may be some tables in your paper, such as Table 1

6 Conclusion

This section did a conclusion for your paper.

Acknowledgment

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References

1. Lamport, L.: LATEX: a document preparation system: user's guide and reference manual. Addison-wesley (1994)