Simmel的中文小论文

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Abstract

这是一篇中文小论文。这个部分用来写摘要。摘要的章标题默认是英文，还没找到改成中文的方法:(

第一章

这里是第一章的内容。

1 第二章

这里是第二章的内容

2 以下为一些工具

$$ABCDEFGHIJKLMNOPQRSTUVWXYZ \tag{1}$$

$$abcdefghijklmnopqrstuvwxyz \tag{2}$$

$$\alpha\beta\gamma\delta\epsilon\varepsilon\zeta\eta\theta\lambda\mu\nu\xi\pi\rho\sigma\tau\upsilon\phi\varphi\chi\psi\omega \tag{3}$$

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix} \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix} \begin{matrix} 1 & 2 \\ 3 & 4 \end{matrix} \tag{4}$$

$$A_{t+1} = \arg\min_{A} \ \mathcal{L}(A, E_t, \Delta\tau_t, W_t, b_t),$$

$$
\begin{aligned}
\min_{A,E,\Delta\tau} \quad & \sum_{i=1}^{N} ||A_i||_* + \lambda ||E_i||_1 \\
\text{s.t.} \quad & D_i \circ \tau_i + \sum_{k=1}^{n_i} J_{ik}\Delta\tau_i\epsilon_k\epsilon_k^T = A_i + E_i, \\
& i = 1, 2, \cdots, N.
\end{aligned} \tag{5}
$$

引用：Eq. (1), Fig. 1, 论文[1]

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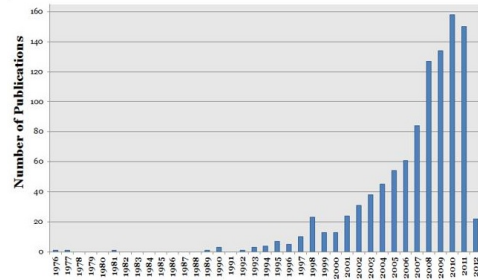| Table 1: Title of table			
table head			
	1	2	3	4
text	5	6	7	8
	9	10	11	12
	13	14	15	16

Figure 1: increase in the quantity of SBSE research

Algorithm 1 Title of the Algorithm

Input: some words.

Initialize:

    some text goes here ...

1: **while** *not converged* **do**

2:    ...

3: **end while**

4: **Output:** this is the lat part.

References

[1] Phil McMinn. Search-based software test data generation: a survey. *Software Testing, Verification and Reliability*, 14(2):105–156, 2004.