papertitle

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new paper test
Hello World!
I understand A, B, C, ..., Z
The following text

is centered.

```
\usepackage{textcomp}
```

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1 Introduction

1.1 Restatement of the problem

$$\sum_{k=1}^{n} k = \frac{n(n+1)}{2}$$

$f(x)$ is equals to $\sin(x)$ and α

1.2 Random thoughts

The equations $\sum_{k=1}^{3} \frac{1}{2} = \frac{7}{8}$

$$\sum_{k=1}^{3} \frac{1}{2} = \frac{7}{8} \tag{1}$$

and

$$\sum_{k=1}^{3} \frac{1}{2} = \frac{7}{8} \text{ for all real } x$$

2 Conclusion

The circle in Figure 1 looks like a face.

$$a + b = c \tag{2}$$
$$d = e + f$$
$$g + h = i \tag{3}$$

$$\begin{aligned} a + b &= c \\ d &= e + f \\ g + h &= i \end{aligned}$$

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

- First Item.
- Second Item.

1. First Item.
   (a) First Subitem.
   (b) Second Subitem.
2. Second Item.

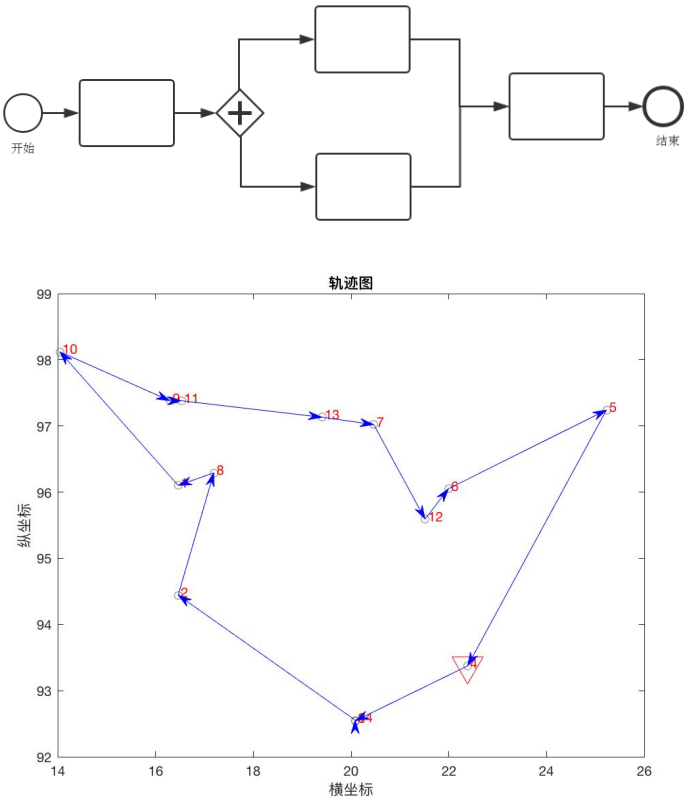

Figure 1: This looks like UML.

Centered	Spread out	
0	1	2
1	x	x^2

Table 1: Some Letters.

This is part of a paper[1]
The first four letters of the alphabet are in Table 1.
It was shown in [2] that termites eat wood.

References

[1] Carpentwe, Bob. *The Life of Ants.* Springer-Verlag, Berlin, 1994.

[2] Terwilliger, Sam. *Termites.* Prentice Hall, New York, 2004.

[1]This is a footnote.