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# Typst Template for arXiv

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## ABSTRACT

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequae doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit.

**Keywords** First keyword · Second keyword · etc.

## 1 Introduction

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## 2 Heading: first level

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

### 2.1 Heading: second level

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

#### 2.1.1 Heading: third level

**Paragraph** Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

## 3 Math

**Inline:** Let  $a$ ,  $b$ , and  $c$  be the side lengths of right-angled triangle. Then, we know that:  $a^2 + b^2 = c^2$

**Block without numbering:**

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

**Block with numbering:**

As shown in Equation 1.

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

**More information:**

- <https://typst.app/docs/reference/math/equation/>

## 4 Citation

You can use citations by using the `#cite` function with the key for the reference and adding a bibliography. Typst supports BibLateX and Hayagriva.

```
#bibliography("bibliography.bib")
```

Single citation (Vaswani et al. 2017). Multiple citations (Vaswani et al. 2017; Hinton, Vinyals, and Dean 2015). In text Vaswani et al. (2017)

**More information:**

- <https://typst.app/docs/reference/meta/bibliography/>
- <https://typst.app/docs/reference/meta/cite/>

## 5 Figures and Tables

header 1	header 2
cell 1	cell 2
cell 3	cell 4

Table 1: Lorem ipsum dolor sit amet.

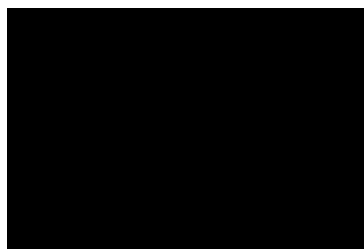


Figure 1: Lorem ipsum dolor sit amet, consectetur adipiscing.

**More information**

- <https://typst.app/docs/reference/meta/figure/>
- <https://typst.app/docs/reference/layout/table/>

## 6 Referencing

Figure 1 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do., Table 1.

### More information:

- <https://typst.app/docs/reference/meta/ref/>

## 7 Lists

### Unordered list

- Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

### Numbered list

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.
2. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
3. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor.

### More information:

- <https://typst.app/docs/reference/layout/enum/>
- <https://typst.app/docs/reference/meta/cite/>

## Bibliography

- [1] A. Vaswani *et al.*, “Attention is All you Need,” in *NIPS*, 2017.
- [2] G. E. Hinton, O. Vinyals, and J. Dean, “Distilling the Knowledge in a Neural Network,” *ArXiv*, 2015.

# APPENDIX A

## A.1 Appendix section

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