

# Example document

Anton Klava anton@klava.se

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## Abstract

This is the abstract of your document

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## Introduction

This is the introduction.<sup>1</sup> Here you can write what your document will be about. This is the best thing ever [1].

## Math

Here is inline math  $1 + 1 = 2$  and a math block:

$$\theta = 0 \quad \Rightarrow \quad \sin^2 \theta = 0$$

## Code

Here is a code block

---

<sup>1</sup>Also, here is a footnote

```
1 array = %w(1 2 3)
2 squared = array.map{|n| n*n}
3 puts squared
```

## Image

Here is a figure



Figure 1: Ginger the Cat by Henry Riley

And here are some inline images



## References

- [1] B. Meyer, “A constraint-based framework for diagrammatic reasoning,” *Applied Artificial Intelligence*, vol. 14, no. 4, pp. 327–344, 2000.
- [2] M. Codish, K. Marriott, and C. Taboch, “Improving program analyses by structure untupling,” *Journal of Logic Programming*, vol. 43, no. 3, pp. 251–263, 2000.