Example Module

Computer Science

Someone Clever
University of Cleverness

09 November 2025

Contents

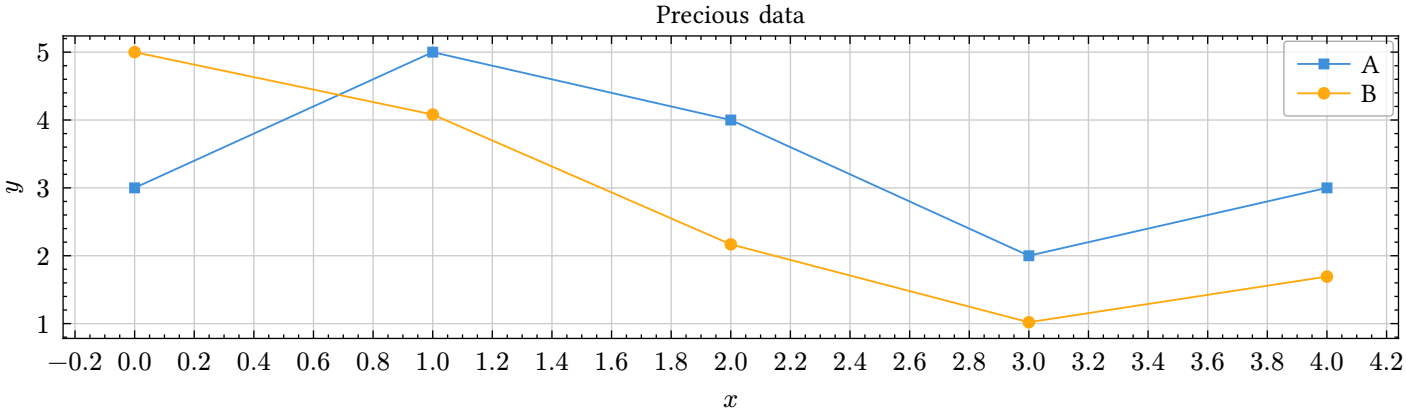
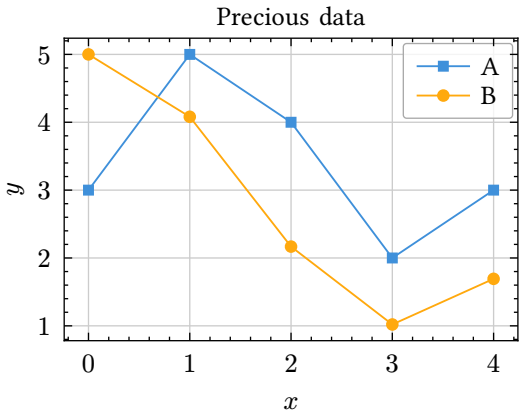
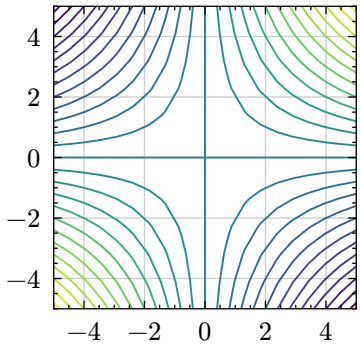


Fig. 1. A caption for this figure

I. Introduction

Scientific writing is a crucial part of the research process, allowing researchers to share their findings with the wider scientific community. However, the process of typesetting scientific documents can often be a frustrating and time-consuming affair, particularly when using outdated tools such as LaTeX. Despite being over 30 years old, it remains a popular choice for scientific writing due to its power and flexibility. However, it also comes with a steep learning curve, complex syntax, and long compile times, leading to frustration and despair for many researchers [1], [2].





1. This
    a. Sub item
    b. Sub item
        i. Sub sub item
2. Is
3. A
4. List

1. Subsection

```rust
let levels = counter(heading).get()
let deepest = if levels != () {
  levels.last()
} else {
  1
}
```

Hello

This is some text in a subsection.

A. Subsubsection

This is a subsubsection.

2. Paper overview

In this paper we introduce Typst, a new typesetting system designed to streamline the scientific writing process and provide researchers with a fast, efficient, and easy-to-use alternative to existing systems. Our goal is to shake up the status quo and offer researchers a better way to approach scientific writing.

Pythagoras' Theorem

For every right triangle, the sum of the squares of the legs of the triangle is equal to the square of the hypotenuse.

For legs a and b and hypotenuse c:

$$a^2 + b^2 = c^2$$

Theorem

For every right triangle, the sum of the squares of the legs of the triangle is equal to the square of the hypotenuse.

For legs a and b and hypotenuse c:

$$a^2 + b^2 = c^2$$

Footer text

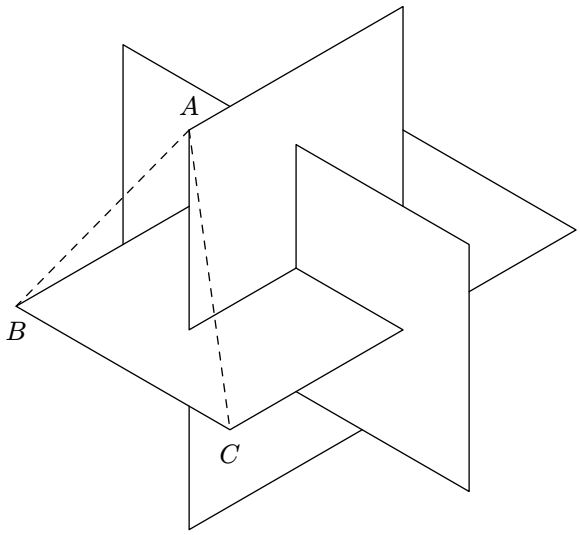
Proof

This is a proof.

Footer text

A note

Hello, world!



By leveraging advanced algorithms and a user-friendly interface, Typst offers several advantages over existing typesetting systems, including faster document creation, simplified syntax, and increased ease-of-use.

$$\underbrace{p_i}_{\text{Probability of state } i} = \frac{\overbrace{\exp\left(-\beta E_i\right)}^{\text{Boltzmann factor}}}{\underbrace{\sum_j \exp\left(-\beta E_j\right)}_{\text{Partition function}}} \qquad (1)$$

Inverse temperature

Energy

To demonstrate the potential of Typst, we conducted a series of experiments comparing it to other popular typesetting systems, including LaTeX. Our findings suggest that Typst offers several benefits for scientific writing, particularly for novice users who may struggle with the complexities of LaTeX. Additionally, we demonstrate that Typst offers advanced features for experienced users, allowing for greater customization and flexibility in document creation.

Overall, we believe that Typst represents a significant step forward in the field of scientific writing and typesetting, providing researchers with a valuable tool to streamline their workflow and focus on what really matters: their research. In the following sections, we will introduce Typst in more detail and provide evidence for its superiority over other typesetting systems in a variety of scenarios.

```python
def fib(n):
  if n <= 1:
    return n
  else:
    return fib(n - 1) + fib(n - 2)
print(fib(25))
```

Python

II. Methods

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

$$a + b = \gamma \qquad (2)$$

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque 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 distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et.

Fig. 2. A circle representing the Sun.

In Fig. 2 you can see a common representation of the Sun, which is a star that is located at the center of the solar system.

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In Table I, you see the planets of the solar system and their average distance from the Sun. The distances were calculated with Equation 2 that we presented in Section II.

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TABLE I
THE PLANETS OF THE SOLAR SYSTEM AND THEIR AVERAGE DISTANCE FROM THE SUN

Planet	Distance (million km)
Mercury	57.9
Venus	108.2
Earth	149.6
Mars	227.9
Jupiter	778.6
Saturn	1,433.5
Uranus	2,872.5
Neptune	4,495.1

invenerit, aut torquem illum hosti detraxisse, ut aliquam ex eo est consecutus? – Laudem et caritatem, quae sunt vitae sine metu degendae praesidia firmissima. – Filium morte multavit. – Si sine causa, nollem me ab eo delectari, quod ista Platonis, Aristoteli, Theophrasti orationis ornamenta neglexerit. Nam illud quidem physici, credere aliquid esse minimum, quod profecto numquam putavisset, si a.

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III. This is a section

Some stuff.

1. This is a subsection

Some more stuff

A. This is a sub-subsection

Even more stuff

I) A ludicrously deep subsection heading

What does this even mean?

Is this indented? What if I have a lot of text here? This is soem random stuff to fill up space and get a paragraph break.

Is this indented? What if I have a lot of text here? This is soem random stuff to fill up space and get a paragraph break.

II) Another section

What does this even mean?

Is this indented? What if I have a lot of text here? This is soem random stuff to fill up space and get a paragraph break.

Is this indented? What if I have a lot of text here? This is soem random stuff to fill up space and get a paragraph break.

II.I) A ludicrously deep subsection heading

Woah... We're going even deeper

Is this indented??

II.II) Another deep subsection heading

Oh all good. It seems like we've stopped here.

$y = ax + b$

$$a^2 + b^2 = c^2 \tag{3}$$
$$a^2 + b^2 = c^2$$

TABLE II
LEFT: NOT THE SAME AS THE PRISONER'S DILEMMA, AS THERE IS NOT ALWAYS A BENEFIT TO SWITCHING TO Y.
RIGHT: THOUGH IT HAS DIFFERENT VALUES, THE PLAYERS ALWAYS DEVIATE TO PLAYING β.

		P_2	
		X	Y
P_1	X	$(3,3)$	$(1,5)$
	Y	$(5,1)$	$(0,0)$

		P_2	
		α	β
P_1	α	$(2,1)$	$(0,5)$
	β	$(3,-2)$	$(1,-1)$

References

[1] R. Astley and L. Morris, "At-scale impact of the Net Wok: A culinarically holistic investigation of distributed dumplings," *Armenian Journal of Proceedings*, vol. 61, pp. 192–219, 2020.

[2] L. Morris and R. Astley, "Net Wok++: Taking distributed dumplings to the cloud," *Armenian Journal of Proceedings*, vol. 65, pp. 101–118, 2022.