

1. Introduction

Typst is a new markup-based typesetting system for the sciences.

1. Fast
2. Flexible
 - Easy to learn
 - Easy to use
3. Intuitive

A guide for *LaTeX* users is available here:
<https://typst.app/docs/guides/guide-for-latex-users/>

1.1. Figures and references

Simple inclusion:



Centered figure with label:



Figure 1: *GNU* is a recursive acronym for “GNU’s Not Unix!”.

A reference to the Figure 1.

A reference to bibliography [1].

1.2. Maths

The equation $Q = \rho Av + C$ defines a flow rate.

Another equation:

$$7.32\beta + \sum_{i=0}^{\nabla} \frac{Q_i(a_i - \varepsilon)}{2}$$

A vector:

$$v := \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix}$$

An arrow:

$$a \rightsquigarrow b$$

2. Fibonacci sequence

The Fibonacci sequence is defined through the recurrence relation $F_n = F_{n-1} + F_{n-2}$. It can also be expressed in *closed form*:

$$F_n = \frac{\varphi^n - \psi^n}{\sqrt{5}}$$

where $\varphi = \frac{1+\sqrt{5}}{2}$ and $\psi = \frac{1-\sqrt{5}}{2}$.

The first 8 Fibonacci numbers are:

F_1	F_2	F_3	F_4	F_5	F_6	F_7	F_8
1	1	2	3	5	8	13	21

Bibliography

- [1] Thesis.