This is a document created to test the capabilites of *typst* and the font I'm creating, *Publiculum*. The body text is set in *Gentium v7.0*, while the equations are in *Publiculum*.

$$\int \mathscr{D}[x(t)] \sqrt{\frac{3\pi^2 - \Sigma_{n=0}^{\infty} \left(z + \hat{L}\right)^q \exp\left(\mathrm{i} q^2 \hbar x\right)}{(\mathrm{Tr} \mathscr{A}) \left(\Lambda_{j_1 j_2}^{i_1 i_2} \Gamma_{i_1 i_2}^{j_1 j_2} \hookrightarrow \vec{D} \cdot \boldsymbol{P}\right)}} = \underbrace{\left\langle \frac{\varpi}{2} \notin \tilde{\varnothing} \middle| \frac{\partial \mu}{2} \frac{1}{2} \right\rangle}_{\mathrm{K_3Fe(CN)_6}}, \forall x \in \mathbb{R}$$

```
$ // code for generating the equation above
  integral cal(D)' [x(t)] sqrt(
    frac(
      3 pi^2 - sum_(n=0)^infinity (z + hat(L))^q exp (upright(i) q^2 planck.reduce x),
      (sans(upright(T r)) bold(cal(A)))
      (
        bold(italic(Lambda))^(i_1 i_2)_(j_1 j_2)
        italic(Gamma)^(j_1 j_2)_(i_1 i_2) arrow.hook arrow(D) dot bold(P)
      )
    )
  ) = underbrace(
    tilde(
      lr(
        angle.l
        frac(pi.alt, 2) in.not emptyset mid(|) frac(diff_mu, 2) frac(1, 2)
        angle.r
      )
    ), upright(K_3 F e (C N)_6)
  ), forall x in RR
$
```

During rendering of this document, a few errors could have occured. Fortunately, there's only two for now:

- The tilde is not stretched. *Although this bug affects practically every software, including Chrome, TEX, Word and whatnot. Firefox, somehow, gets it right.*
- The `underbrace` is too left.

By the way:

- You can enable and disable old-style figures, compare 123**456**7**8**9 with 123**456**7**8**9.
- For sans-serif glyphs, you may either use ones from *Andika* or from *Sophia*: Sans serif vs Sans serif. The former looks more handwritten, while the latter is based on a more serious font. (*SIL Sophia* is based on the font *Univers*). Stylistic set #15, however, does *not* change Greek letters.
- Both "calligraphic" (`\mathcal`) and "script" (`\mathscr`) letters are supported. The latter are defaults, the former are accessible using Variant selector #00 or Stylistic set #17. *Typst* only supports the latter. Both are taken from the font *STIX Two Math*, so the calligraphic ones have the same *freaky* style.