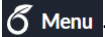


Using the STIX2 OpenType fonts with Lua \LaTeX or Xe \LaTeX

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About this template

This template provides convenient access to the STIX2 OpenType fonts, which are loaded into the folder `STIX2fonts`. Using the `fontspec` and `unicode-math` packages, the fonts are configured ready for use with Xe \LaTeX or Lua \LaTeX —you can choose either engine via Overleaf’s Menu: .

Some examples

The following \LaTeX examples are taken from:

https://en.wikibooks.org/wiki/LaTeX/Advanced_Mathematics

$$\begin{aligned} & \vdots \\ & = 12 + 7 \int_0^2 \left(-\frac{1}{4} (e^{-4t_1} + e^{4t_1-8}) \right) dt_1 \\ & = 12 - \frac{7}{4} \int_0^2 (e^{-4t_1} + e^{4t_1-8}) dt_1 \\ & \vdots \end{aligned}$$

$$x = a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + a_4}}} \tag{1}$$

$$\sigma_1 = x + y \quad \sigma_2 = \frac{x}{y} \tag{2}$$

$$\sigma'_1 = \frac{\partial x + y}{\partial x} \quad \sigma'_2 = \frac{\partial \frac{x}{y}}{\partial x} \tag{3}$$

$$x^2 + y^2 = z^2$$

(4)

$$\lim_{x \rightarrow 0} \frac{e^x - 1}{2x} \stackrel{\left[\frac{0}{0} \right]}{=} \lim_{x \rightarrow 0} \frac{e^x}{2} = \frac{1}{2}$$