Using the STIX2 OpenType fonts with \texttt{Lua\LaTeX} or \texttt{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 \texttt{fontspec} and \texttt{unicode-math} packages, the fonts are configured ready for use with \texttt{Xe\LaTeX} or \texttt{Lua\LaTeX}—you can choose either engine via Overleaf’s Menu:

Some examples

The following \LaTeX examples are taken from:

\url{https://en.wikibooks.org/wiki/LaTeX/Advanced_Mathematics}

\begin{align*}
&= 12 + 7 \int_{0}^{2} \left( -\frac{1}{4} (e^{-4t} + e^{4t} - 8) \right) dt_1 \\
&= 12 - 7 \int_{0}^{2} (e^{-4t} + e^{4t} - 8) dt_1 \\
\end{align*}

\begin{align*}
x &= a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + a_4}}} \\
\sigma_1 &= x + y \quad \sigma_2 = \frac{x}{y} \quad (2) \\
\sigma'_1 &= \frac{\partial x + y}{\partial x} \quad \sigma'_2 = \frac{\partial^2 x}{\partial x} \quad (3)
\end{align*}
\( x^2 + y^2 = z^2 \) \hspace{1cm} (4)

\[
\lim_{x \to 0} \frac{e^x - 1}{2x} \Xi \lim_{x \to 0} \frac{e^x}{2} = \frac{1}{2}
\]