Mathematical typesetting with DejaVu

First some large operators both in text: $\iint_{\widehat{Q}} f(x, y, z) \, dx \, dy \, dz \text{ and } \prod_{\gamma \in \Gamma_{\widetilde{C}}} \partial(\widetilde{X}_{\gamma});$ and also on display:

$$\begin{split} \iiint \\ \mathbf{Q} f(w, x, y, z) \, dw \, dx \, dy \, dz &\leq \oint_{\partial \mathbf{Q}} f' \left(\max \left\{ \frac{\|w\|}{|w^2 + x^2|}; \frac{\|z\|}{|y^2 + z^2|}; \frac{\|w \oplus z\|}{\|x \oplus y\|} \right\} \right) \\ &\lesssim \bigcup_{\mathbb{Q} \in \bar{\mathbf{Q}}} \left[f^* \left(\frac{\mathbb{Q}(t)}{\sqrt{1 - t^2}} \right) \right]_{t=\alpha}^{t=\vartheta} - (\Delta + \nu - \nu)^3 \end{split}$$
(1)

For x in the open interval]-1, 1[the infinite sum in Equation (2) is convergent; however, this does not hold throughout the closed interval [-1, 1].

$$(1-x)^{-k} = 1 + \sum_{j=1}^{\infty} (-1)^j {k \choose j} x^j \quad \text{for } k \in \mathbb{N}; \, k \neq 0.$$
 (2)