# A Sample of the fbb Font

with Libertinus Math and Gillius ADF

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#### 1.1 Quisque ullamcorper placerat ipsum

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## 2 Sample page of mathematical typesetting

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

$$\iiint\limits_{\mathbf{Q}} f(w, x, y, z) \, dw \, dx \, dy \, dz \leq \oint_{\partial \mathbf{Q}} f'\left(\max\left\{\frac{\|w\|}{|w^2 + x^2|}; \frac{\|z\|}{|y^2 + z^2|}; \frac{\|w \oplus z\|}{\|x \oplus y\|}\right\}\right) \\
& \left. \biguplus\limits_{\mathbf{Q} \hat{\mathbf{Q}}} \left[ f^*\left(\frac{\int \mathbf{Q}(t) \mathbf{1}}{\sqrt{1 - t^2}}\right) \right]_{t=\alpha}^{t=\theta} \right. \tag{1}$$

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].

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

**Theorem 1 (Residue Theorem).** Let f be analytic in the region G except for the isolated singularities  $a_1, a_2, \ldots, a_m$ . If g is a closed rectifiable curve in G which does not pass through any of the points  $a_k$  and if  $g \approx 0$  in G then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^{m} n(\gamma; a_k) \operatorname{Res}(f; a_k).$$

**Theorem 2 (Maximum Modulus).** Let G be a bounded open set in  $\mathbb{C}$  and suppose that f is a continuous function on  $G^-$  which is analytic in G. Then

$$\max\{|f(z)|: z \in G^-\} = \max\{|f(z)|: z \in \partial G\}.$$

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