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Chapter 1

The CMS experiment at LHC

$$f'(x) = 1 - 2x$$

$$\beta(x) \leq \cos(x)$$

$$\sqrt{\frac{1}{2}} = \frac{\sqrt{(2)}}{2}$$

$$\forall x \in \mathbb{R}, f'(x) = f(x) \tag{1.1}$$

$$\lim_{x \to 0} \frac{\sin(x)}{x} = 1 \tag{1.2}$$

$$\int_0^\infty \frac{\ln(x)}{f(x)} = \pi^2 \tag{1.3}$$

$$\left\| 2^{\Gamma(x)} \right\|^2 = \underbrace{f(a) + f(b)}_{\leq 1} + \dot{y}$$

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