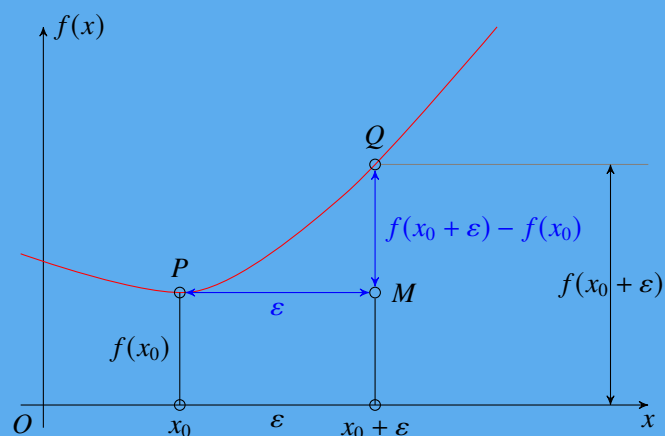


# 数学之美

## The Beauty of Mathematics

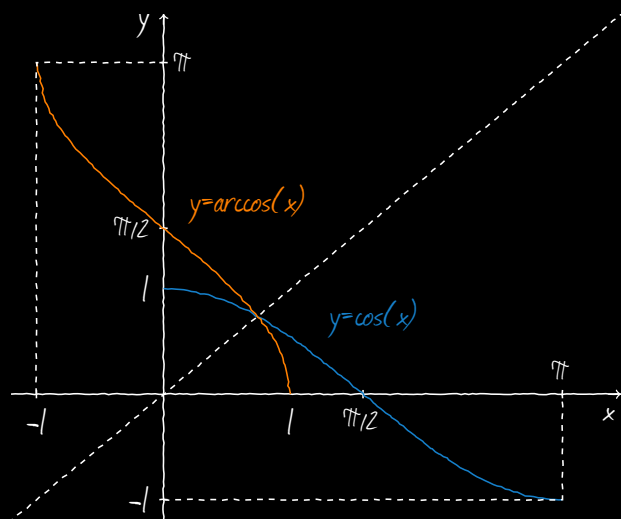
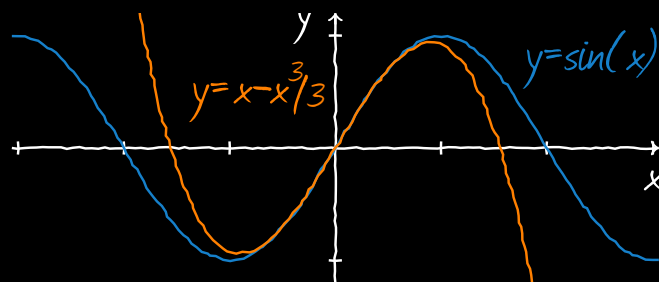


任涛

Version 3.14

Under the LPPL, version 1.3c

$$(a + b)^n = \sum_{k=0}^n \binom{n}{k} a^k b^{n-k}$$



$$e^{i\pi} + 1 = 0 \quad \binom{n}{k} = \frac{n!}{k!(n-k)!}$$

$$\iint_{\Sigma} P(x, y, z) dydz + Q(x, y, z) dzdx + R(x, y, z) dxdy = \iiint_{\Omega} \left( \frac{\partial Q}{\partial x} + \frac{\partial P}{\partial y} + \frac{\partial R}{\partial z} \right) dxdydz$$