$$E = mc^2 \tag{1}$$

$$y = mx + c$$

$$f(x) = \tanh(x) = \frac{(e^x - e^{-x})}{(1 + e^{-x})} \tag{2}$$

$$\hat{f}(\xi) = \int_{-\infty}^{\infty} f(x) e^{-2\pi i x \xi}\,dx, \tag{3}$$