

# Real Beauty

Euler:  $e^{i\pi} + 1 = 0$

Stokes:  $\int_{\partial\Omega} \omega = \int_{\Omega} d\omega$

General relativity:  $G_{\mu\nu} = 8\pi T_{\mu\nu}$

Gauge field theory:  $\mathcal{L} = \frac{1}{4g} F_{\mu\nu}^a F_a^{\mu\nu} + \sum_j \bar{\psi}_j (i\not{D} + m_j) \psi_j$

AIXI ;-)

$$y_k = \arg \max_{y_k} \sum_{x_k} \dots \max_{y_m} \sum_{x_m} [r(x_k) + \dots + r(x_m)] \sum_{q: U(q, y_{1:m}) = x_{1:m}} 2^{-\ell(q)}$$