

100 Days 100 Integrals DAY 15

$$\int \frac{1}{x^3 + 1} dx = \frac{\ln(x + 1)}{3} - \frac{\ln(x^2 - x + 1)}{6} + \frac{1}{\sqrt{3}} \tan^{-1} \left(\frac{2x - 1}{\sqrt{3}} \right) + C$$