

## INTEGRALES DEFINIDAS

### I n t e g r a l e s i m p r o p i a s

$$\int_1^3 x^2 dx$$

$$\int_1^m x dx$$

$$\int_{\frac{\pi}{2}}^{\pi}$$

$$\int_0^{\frac{\pi}{2}} \cos x dx$$

$$\int_0^1 \tan x dx$$

$$\int_0^{\frac{\pi}{2}} \sin x \cos 2x dx$$

$$\int_0^1 \sec^2 x dx$$

$$\int_2^3 \frac{x}{x^2 + 1} dx$$

$$\int_2^3 x^2 \sqrt{x} dx$$

$$\int_0^{\frac{\pi}{4}} \tan x dx$$

$$\int_m 2^x dx$$

$$\int_0^1 \sqrt{x} dx$$

$$\int_{e^{-1}}^{e^2} \frac{dx}{x \ln x}$$

$$\int_{\frac{1}{4}}^4 \frac{dx}{x^2 + 1}$$

$$\int_0^4 \frac{dx}{x^2 + 1}$$

$$\int_{\frac{1}{e}}^1 \frac{dx}{x^2}$$

$$\int_{\frac{1}{e}}^0 \frac{dx}{x^2}$$

$$\int_{\frac{1}{e}}^0 \frac{dx}{x^{\frac{2}{3}}}$$

$$\int_0^1 \sec^2 x dx$$

$$\int_{\frac{1}{e}}^1 \frac{dx}{\sqrt{1 + x^2}}$$

$$\int_{\frac{1}{e}}^{\frac{1}{2}} \frac{dx}{\sqrt{1 + x^2}}$$

$$\int_0^4 x^2 e^{&x} dx$$

$$\int_1^4 \frac{dx}{x \sqrt{x^2 + 1}}$$

$$\int_1^4 e^{&x} \cos x dx$$

$$\int_{\frac{\sqrt{2}}{2}}^1 \frac{dx}{\sqrt{1 + x^2}}$$

$$\int_{\frac{1}{e}}^1 \frac{dx}{x \sqrt[3]{x^2}}$$

$$\int_1^2 \frac{dx}{x \ln x}$$

$$\int_{\frac{1}{e}}^1 \frac{dx}{x \sqrt[3]{x}}$$

$$\int_{\frac{1}{e}}^1 \left( x + 3 \frac{1}{x + 1} \right) dx$$

$$\int_{\frac{1}{e}}^e \frac{1}{(x + 1)^2} dx$$

$$\int_{\frac{1}{2}}^1 \ln(1 + x) dx$$

$$\int_0^1 \ln(1 + x) dx$$