



Calcular las siguientes Antiderivadas:

$$\int \frac{x e^{\arctan x}}{(1+x^2)^{3/2}} dx$$

$$\int \frac{\sin x dx}{\cos^2 x + \cos x - 6}$$

$$\int \frac{\ln x dx}{x\sqrt{1-4\ln x - \ln^2 x}}$$

$$\int \frac{\sin x \cos x dx}{\sqrt{9 + \sin^4 x}}$$

$$\int \frac{4x^2 + 2x + 8}{x(x^2 + 2)^2} dx$$

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

$$\int x^2 \arccos x dx$$

$$\int \frac{(\sqrt{4-x^2})^3}{x^2} dx$$

$$\int \frac{dx}{\sqrt{(x^2 + 4x + 13)^3}}$$

$$\int \frac{dx}{(2 + \cos x) \sin x}$$

$$\int \frac{3x-1}{(x^2+1)(x^2+2x+2)} dx$$

$$\int \frac{dx}{x^2 \sqrt{4-x^2}}$$

$$\int \frac{x^3 - 1}{4x^3 - x} dx$$

$$\int \frac{x^3 dx}{\sqrt{2-x^2}}$$

$$\int \frac{2x dx}{\sqrt{x^2+2x+26}}$$

$$\int \frac{dx}{x\sqrt{x^2+9}}$$

$$\int \frac{6x^2 - 15x + 22}{(x+3)(x^2+2)^2} dx$$

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

$$\int \frac{e^{4x} + 3e^{2x}}{e^{4x} + 5} dx$$