

Ejercicios de integrales

1 $\int x^2 \ln x \, dx$

2 $\int x^2 \operatorname{sen} 3x \, dx$

3 $\int \operatorname{arc} \operatorname{sen} x \, dx$

4 $\int \frac{\ln x}{x} \, dx$

5 $\int \frac{x}{(x+1)(x^2+x+1)} \, dx$

6 $\int \frac{3x-4}{x^2+2x+4} \, dx$

7 $\int \frac{3^x}{1+3^x} \, dx$

8 $\int \frac{dx}{\sqrt{4-x^2}}$

9 $\int \sqrt{\frac{x+2}{x-1}} \, dx$

10 $\int \frac{dx}{1+\operatorname{sen} x + \cos x}$

11 $\int \frac{4e^{2x}}{1+e^{2x}} \, dx$

12 $\int \frac{dx}{\sqrt{\operatorname{sen} x \cos^3 x}}$