

# INTEGRALES

## INTEGRALES INMEDIATAS

$$\int x^n dx = \frac{x^{n+1}}{n+1} + C$$

$$\int \frac{1}{x} dx = \ln x + C$$

$$\int e^x dx = e^x + C$$

$$\int \operatorname{sen} x dx = -\operatorname{cos} x + C$$

$$\int \operatorname{cos} x dx = \operatorname{sen} x + C$$

$$\int \operatorname{tg} x dx =$$

$$\int \frac{1}{\operatorname{cos}^2 x} dx = \operatorname{tg} x + C$$

$$\int \frac{1}{\sqrt{1-x^2}} dx = \operatorname{arcsen} x + C$$

$$\int \frac{1}{1+x^2} dx = \operatorname{arctg} x + C$$

$$\int \frac{u'}{u} dx = \ln |u| + C$$