

INTEGRALI IMMEDIATI

- $\int dx = x + c$
- $\int x \, dx = \frac{x^2}{2} + c$
- $\int x^\alpha \, dx = \frac{x^{\alpha+1}}{\alpha+1} + c \quad (\text{con } \alpha \neq -1)$
- $\int \frac{1}{x} \, dx = \ln|x| + c$
- $\int e^x \, dx = e^x + c$
- $\int a^x \, dx = \frac{a^x}{\ln a} + c$
- $\int \sin x \, dx = -\cos x + c$
- $\int \cos x \, dx = \sin x + c$
- $\int \frac{1}{\cos^2 x} \, dx = \tan x + c$
- $\int \frac{1}{\sin^2 x} \, dx = -\cot x + c$
- $\int \frac{1}{1+x^2} \, dx = \arctan x + c$
- $\int \frac{1}{\sqrt{1-x^2}} \, dx = \arcsin x + c$