Tabella regole di integrazione

$\int 1 \; dx = x + c$	
$\int n \cdot x \; dx = n \int x \; dx$	
$\int f(x) + g(x) \; dx = \int f(x) \; dx + \int g(x) \; dx$	
$\int x^n \; dx = \frac{x^{n+1}}{n+1} + c$	
$\int x^{-1} dx = \int \frac{1}{x} dx = \ln(x) + c$	
$\int e^{\alpha \cdot x} dx = \frac{e^{\alpha \cdot x}}{\alpha} + c$	$\int a^x dx = \frac{a^x}{\ln(a)} + c$
$\int \sin(x) dx = -\cos(x) + c$	$\int \sin(\alpha \cdot x) dx = \frac{-\cos(\alpha x)}{\alpha} + c$
$\int \cos(x) dx = \sin(x) + c$	$\int \cos(\alpha \cdot x) dx = \frac{\sin(\alpha x)}{\alpha} + c$
$\int \frac{1}{x^2 + 1} dx = arctg(x) + c$	
$\int \frac{1}{\sqrt{1 - x^2}} dx = \arcsin(x) + c$	
$\int f^n(x) f'(x) dx = \frac{f^{n+1}(x)}{n+1} + c$	
$\int \frac{f'(x)}{f(x)} dx = \ln\lvert f(x) \rvert + c$	
$\int e^{f(x)} f'(x) dx = e^{f(x)} + c$	
$\int f'(x) \sin[f(x)] dx = -\cos[f(x)] + c$	
$\int f'(x) \cos[f(x)] dx = \sin[f(x)] + c$	