

Całki nieoznaczone wybranych funkcji elementarnych

$\int 0dx = C$	$\int x^\alpha dx = \frac{x^{\alpha+1}}{\alpha+1} + C, \alpha \neq -1$
$\int \frac{1}{x} dx = \ln x + C$	$\int a^x dx = \frac{a^x}{\ln a} + C, a > 0, a \neq 1$
$\int \sin x dx = -\cos x + C$	$\int \cos x dx = \sin x + C$
$\int \frac{1}{\cos^2 x} dx = \operatorname{tg} x + C$	$\int \frac{1}{\sin^2 x} dx = -\operatorname{ctg} x + C$
$\int \frac{1}{\sqrt{1-x^2}} dx = \arcsin x + C$	$\int \frac{-1}{\sqrt{1-x^2}} dx = \arccos x + C$
$\int \frac{1}{1+x^2} dx = \operatorname{arctg} x + C$	$\int \frac{-1}{1+x^2} dx = \operatorname{arcctg} x + C$
$\int \sinh x dx = \cosh x + C$	$\int \cosh x dx = \sinh x + C$
$\int \frac{1}{\cosh^2 x} dx = \operatorname{tgh} x + C$	$\int \frac{1}{\sinh^2 x} dx = -\operatorname{ctgh} x + C$
$\int \frac{1}{\sqrt{x^2+1}} dx = \operatorname{arsinh} x + C$	$\int \frac{1}{\sqrt{x^2-1}} dx = \operatorname{arcosh} x + C$
$\int \frac{1}{1-x^2} dx = \operatorname{artgh} x + C, x < 1$	$\int \frac{1}{1-x^2} dx = \operatorname{arctgh} x + C, x > 1$