	Integrali
1	$\int dx = x$
2	$\int x^n dx = \frac{x^{n+1}}{n+1}$
3	$\int e^x dx = e^x$
4	$\int a^x dx = \frac{a^x}{\ln a}$
5	$\int \frac{dx}{x} = \ln x$
6	$\int \sin x dx = -\cos x$
7	$\int \cos x dx = \sin x$
8	$\int tgx dx = -\ln\lvert\cos x\rvert$
9	$\int ctgx dx = \ln\lvert\sin x\rvert$
10	$\int \frac{dx}{\cos^2 x} = tgx$
11	$\int \frac{dx}{\sin^2 x} = -ctgx$
12	$\int \frac{dx}{a^2+x^2} = \frac{1}{a} arctg \frac{x}{a}$
13	$\int \frac{dx}{a^2-x^2} = \frac{1}{2a} \ln\left\lvert\frac{a+x}{a-x}\right\rvert$
14	$\int \frac{dx}{x^2-a^2} = \frac{1}{2a} \ln\left\lvert\frac{x-a}{x+a}\right\rvert$
15	$\int \frac{xdx}{a^2 \pm x^2} = \pm\frac{1}{2} \ln\lvert a^2 \pm x^2\rvert$
16	$\int \frac{dx}{\sqrt{a^2-x^2}} = \arcsin \frac{x}{a}$
17	$\int \frac{dx}{\sqrt{x^2 \pm a^2}} = \ln\lvert x + \sqrt{x^2 \pm a^2}\rvert$
18	$\int \frac{xdx}{\sqrt{a^2 \pm x^2}} = \pm\sqrt{a^2 \pm x^2}$
19	$\int \sin ax dx = -\frac{1}{a} \cos ax$
20	$\int \cos ax dx = \frac{1}{a} \sin ax$
21	$\int \sin^n ax dx = \frac{-\sin^{n-1} ax \cdot \cos ax}{n \cdot a} + \frac{n-1}{n} \int \sin^{n-2} ax dx$
22	$\int \cos^n ax dx = \frac{\cos^{n-1} ax \cdot \sin ax}{n \cdot a} + \frac{n-1}{n} \int \cos^{n-2} ax dx$
23	$\int x \cdot \sin ax dx = \frac{\sin ax}{a^2} - \frac{x \cos ax}{a}$
24	$\int x \cdot \cos ax dx = \frac{\cos ax}{a^2} + \frac{x \cdot \sin ax}{a}$

	Izvodi
1	$x^{n\prime} = n \cdot x^{n-1}$
2	$\ln x' = \frac{1}{x}$
3	$e^{x\prime} = e^x$
4	$\log_a x' = \frac{1}{x \cdot \ln a}$
5	$a^{x\prime} = a^x \ln a$
6	$\sin x' = \cos x$
7	$\cos x' = -\sin x$
8	$tgx' = \frac{1}{\cos^2 x} = \sec^2 x$
9	$ctgx' = \frac{-1}{\sin^2 x} = -\operatorname{cosec}^2 x$
10	$\arcsin x' = \frac{1}{\sqrt{1-x^2}}$
11	$\arccos x' = \frac{-1}{\sqrt{1-x^2}}$
12	$arctgx' = \frac{1}{1+x^2}$
13	$arcctgx' = \frac{-1}{1+x^2}$
14	$shx' = chx$
15	$chx' = shx$
16	$thx' = \frac{1}{ch^2 x}$
17	$cthx' = \frac{-1}{sh^2 x}$
18	$arshx' = \left[\ln\left(x + \sqrt{x^2+1}\right)\right]' = \frac{1}{\sqrt{1+x^2}}$
19	$archx' = \left[\ln\left(x \pm \sqrt{x^2-1}\right)\right]' = \frac{\pm 1}{\sqrt{x^2-1}}$
25	$\int x^n \cdot \sin ax dx = -\frac{x^n}{a} \cos ax + \frac{n}{a} \int x^{n-1} \cdot \cos ax dx$
26	$\int x^n \cdot \cos ax dx = \frac{x^n \cdot \sin ax}{a} - \frac{n}{a} \int x^{n-1} \sin ax dx$
27	$\int \frac{dx}{\cos^n ax} = \frac{1}{a \cdot (n-1)} \cdot \frac{\sin ax}{\cos^{n-1} ax} + \frac{n-2}{n-1} \int \frac{dx}{\cos^{n-2}}$
28	$\int \frac{dx}{\cos^n ax} = \frac{1}{a \cdot (n-1)} \cdot \frac{\sin ax}{\cos^{n-1} ax} + \frac{n-2}{n-1} \int \frac{dx}{\cos^{n-2}}$
29	

Integrali trigonometrijskih funkcija

$\int \sin x dx = -\cos x$	$\int \frac{dx}{\sin^2 x} = -ctgx$	$\int \cos x dx = \sin x$	$\int \frac{dx}{\cos^2 x} = tgx$
$\int \sin ax dx = -\frac{1}{a}\cos ax$		$\int \cos ax dx = \frac{1}{a}\sin ax$	
$\int \sin^n ax dx = \frac{-\sin^{n-1} ax \cdot \cos ax}{n \cdot a} + \frac{n-1}{n}\int \sin^{n-2} ax dx$		$\int \cos^n ax dx = \frac{\cos^{n-1} ax \cdot \sin ax}{n \cdot a} + \frac{n-1}{n}\int \cos^{n-2} ax dx$	
$\int x \cdot \sin ax dx = \frac{\sin ax}{a^2} - \frac{x \cos ax}{a}$		$\int x \cdot \cos ax dx = \frac{\cos ax}{a^2} + \frac{x \cdot \sin ax}{a}$	
$\int x^n \cdot \sin ax dx = -\frac{x^n}{a}\cos ax + \frac{n}{a}\int x^{n-1} \cdot \cos ax dx$		$\int x^n \cdot \cos ax dx = \frac{x^n \cdot \sin ax}{a} - \frac{n}{a}\int x^{n-1} \sin ax dx$	
$\int \frac{\sin ax}{x} dx = ax - \frac{(a \cdot x)^3}{3 \cdot 3!} + \frac{(a \cdot x)^5}{5 \cdot 5!} - \ldots$		$\int \frac{dx}{\cos^n ax} = \frac{1}{a \cdot (n-1)} \cdot \frac{\sin ax}{\cos^{n-1} ax} + \frac{n-2}{n-1}\int \frac{dx}{\cos^{n-2} ax}$	
$\int \frac{\sin ax}{x^n} dx = -\frac{1}{n-1}\frac{\sin ax}{x^{n-1}} + \frac{a}{n-1}\int \frac{\cos ax}{x^{n-1}} dx$			
$\int \frac{dx}{\sin^n ax} = -\frac{1}{a \cdot (n-1)} \cdot \frac{\cos ax}{\sin^{n-1} ax} + \frac{n-2}{n-1}\int \frac{dx}{\sin^{n-2} ax}$		$\int tgx dx = -\ln\lvert\cos x\rvert$	$\int ctgx dx = \ln\lvert\sin x\rvert$

Integrali hiperboličkih funkcija

$\int shax dx = \frac{1}{a}chax$	$\int chax dx = \frac{1}{a}shax$	$\int x \cdot shax dx = \frac{1}{a} \cdot x \cdot chax - \frac{1}{a^2} \cdot shax$	
$\int sh^2 ax dx = \frac{1}{4a}sh2ax - \frac{x}{2}$	$\int \frac{dx}{sh^2 x} = -cthx$	$\int x \cdot chax dx = \frac{1}{a} \cdot x \cdot shax - \frac{1}{a^2} \cdot chax$	
$\int ch^2 ax dx = \frac{1}{4a}sh2ax + \frac{x}{2}$	$\int \frac{dx}{ch^2 x} = thx$	$\int thax dx = \frac{1}{a} \cdot \ln\lvert chax\rvert$	$\int cthax dx = \frac{1}{a} \cdot \ln\lvert shax\rvert$
$\int \frac{dx}{shax} = \frac{1}{a}\ln\left\lvert th\frac{ax}{2}\right\rvert$	$\int \frac{dx}{chax} = \frac{2}{a}arctge^{ax}$		
$\int x \cdot shax dx = \frac{1}{a}x \cdot chax - \frac{1}{a^2}shax$			
$\int x \cdot chax dx = \frac{1}{a}x \cdot shax - \frac{1}{a^2}chax$			

Trigonometrija

$\sin^2 x + \cos^2 x = 1$	$tgx \cdot ctgx = 1$	$2\sin x \cdot \sin y = \cos(x-y) - \cos(x+y)$	
$\sin 2x = 2 \cdot \sin x \cdot \cos x$	$\cos 2x = \cos^2 x - \sin^2 x$	$2\cos x \cdot \cos y = \cos(x+y) + \cos(x-y)$	
$1 + \cos x = 2 \cdot \cos^2 \frac{x}{2}$	$1 - \cos x = 2 \cdot \sin^2 \frac{x}{2}$	$2\sin x \cdot \cos y = \sin(x+y) + \sin(x-y)$	
$tg2x = \frac{2tgx}{1 - tg^2 x}$	$ctg2x = \frac{ctg^2 x - 1}{2ctgx}$	$\sin(x \pm y) = \sin x \cdot \cos y \pm \cos x \cdot \sin y$	
$ch^2 x - sh^2 x = 1$		$\cos(x \pm y) = \cos x \cdot \cos y \mp \sin x \cdot \sin y$	
$shx = \frac{e^x - e^{-x}}{2}$	$chx = \frac{e^x + e^{-x}}{2}$	$tg(x \pm y) = \frac{tgx \pm tgy}{1 \mp tgx \cdot tgy}$	$ctg(x \pm y) = \frac{ctgx \cdot ctgy \mp 1}{ctgy \pm ctgx}$
$thx = \frac{e^x - e^{-x}}{e^x + e^{-x}}$	$cthx = \frac{e^x + e^{-x}}{e^x - e^{-x}}$		