Tablica izvoda:	
Funkcija $f(x)$	**Izvod $f'(x)$**
$c = const$	0
x	1
x^{α}	$\alpha x^{\alpha-1}$
a^x	$a^x \ln a$
e^x	e^x
$\log_a x$	$\frac{1}{x \ln a}$
$\ln\lvert x \rvert$	$\frac{1}{x}$
$\sin x$	$\cos x$
$\cos x$	$-\sin x$
tgx	$\frac{1}{\cos^2 x}$
$ctgx$	$-\frac{1}{\sin^2 x}$
$\arcsin x$	$\frac{1}{\sqrt{1-x^2}}$
$\arccos x$	$-\frac{1}{\sqrt{1-x^2}}$
$arctgx$	$\frac{1}{1+x^2}$
$arcctgx$	$-\frac{1}{1+x^2}$

Tablica integrala:
$\int dx = x + c$
$\int x^n dx = \frac{x^{n+1}}{n+1} + c$
$\int \frac{dx}{x} = \ln\lvert x \rvert + c$
$\int e^x dx = e^x + c$
$\int a^x dx = \frac{a^x}{\ln a} + c$
$\int \sin x dx = -\cos x + c$
$\int \cos x dx = \sin x + c$
$\int \frac{dx}{\cos^2 x} = tgx + c$
$\int \frac{dx}{\sin^2 x} = -ctgx + c$
$\int \frac{dx}{x^2+a^2} = \frac{1}{a} arctg \frac{x}{a} + c = -\frac{1}{a} arcctg \frac{x}{a} + c_1,\ a \neq 0$
$\int \frac{dx}{x^2-a^2} = \frac{1}{2a} \ln\left\lvert \frac{x-a}{x+a} \right\rvert + c,\ a \neq 0$
$\int \frac{dx}{\sqrt{x^2 \pm a^2}} = \ln\left\lvert x + \sqrt{x^2 \pm a^2} \right\rvert + c,\ a \neq 0$
$\int \frac{dx}{\sqrt{a^2-x^2}} = \arcsin \frac{x}{a} + c = -\arccos \frac{x}{a} + c_1,\ a > 0$
$\int \sqrt{a^2-x^2}\, dx = \frac{x}{2}\sqrt{a^2-x^2} + \frac{a^2}{2} \arcsin \frac{x}{a} + c,\ a > 0$
$\int \sqrt{x^2+A}\, dx = \frac{x}{2}\sqrt{x^2+A} + \frac{A}{2} \ln\left\lvert x + \sqrt{x^2+A} \right\rvert + c$

$$\int \frac{1}{x^n} dx = -\frac{1}{(n-1)x^{n-1}} \quad \Big| \, n \neq 1$$

Поларне координате

Površine ravnih figura: y u x

$$P = \int_a^b \lvert f(x) \rvert dx,\ P = \int_{t_1}^{t_2} y(t) \cdot x_t'(t) dt,\ P = \frac{1}{2}\int_{\alpha}^{\beta} \rho^2(\varphi) d\varphi .$$

$f(\varphi)^2$

Dužina luka krive: $l = \int_a^b \sqrt{1+(f'(x))^2}\, dx,\ l = \int_{t_1}^{t_2} \sqrt{(x_t'(t))^2 + (y_t'(t))^2}\, dt,\ l = \int_{\alpha}^{\beta} \sqrt{\rho^2(\varphi) + (\rho'(\varphi))^2}\, d\varphi .$

$r^2 + r'^2$

Zapremina obrtnih tela: $V = \pi \int_a^b f^2(x) dx,\ V = \pi \int_{t_1}^{t_2} y^2(t) \cdot x_t'(t) dt,\ V = \frac{2\pi}{3}\int_{\alpha}^{\beta} \rho^3(\varphi) \sin\varphi\, d\varphi .$

Površina omotača obrtnih tela:

$$P = 2\pi \int_a^b \lvert f(x) \rvert \sqrt{1+(f'(x))^2}\, dx,\ P = 2\pi \int_{t_1}^{t_2} \lvert y(t) \rvert \sqrt{(x'(t))^2 + (y'(t))^2}\, dt,\ P = 2\pi \int_{\alpha}^{\beta} \rho(\varphi) \sqrt{\rho^2(\varphi) + (\rho'(\varphi))^2} \sin\varphi\, d\varphi .$$

$$\int_a^b f(x) - g(x)\, dx$$