Vzorce pro integrování

$$\int x^n dx = \frac{x^{n+1}}{n+1} + C \qquad \int e^x dx = e^x + C$$

$$\int 0\, dx = C; C \in R \qquad \int a^x\, dx = \frac{a^x}{ln\, a} + C$$

$$\int \frac{1}{x} dx = ln|x| + C \qquad \int \frac{f'x}{f_x} dx = ln|f_x| + C$$

$$\int cos(x)\, dx = sin(x) + C \int -sin(x)\, dx = cos(x) + C$$

$$\int \frac{1}{(cosx)^2} dx = tg(x) + C \qquad \int -\frac{1}{(sin\, x)^2} dx = cotg(x) + C$$

$$\int \frac{1}{\sqrt{1-x^2}} dx = arc\, sin(x) + C \qquad \int \frac{-1}{\sqrt{1-x^2}} dx = arc\, cos(x) + C$$

$$\int \frac{1}{1+x^2} dx = arc\, tg(x) + C \qquad \int \frac{-1}{1+x^2} dx = arc\, cotg(x) + C$$

$$\int \frac{1}{\sqrt{x^2 \mp B}} = ln\left|x + \sqrt{x^2 \mp B}\right| + C$$