Primitivní funkce

$\int (3-x^2)^3 dx \quad \left[27x - \frac{27}{3}x^3 + \frac{9}{5}x^5 - \frac{x^7}{7} + C\right]$

$\int \left(\frac{1-x}{x}\right)^2 dx \quad \left[-\frac{1}{x} - 2\ln|x| + x + C\right]$

$\int \frac{\sqrt{x} - 2\sqrt[3]{x} + 1}{\sqrt[4]{x}} dx \left[\frac{4}{5}x^{\frac{5}{4}} - \frac{24}{13}x^{\frac{13}{12}} + \frac{4}{3}x^{\frac{3}{4}} + C\right]$

$\int x^2 e^x \quad \left[x^2e^x - 2xe^x + 2e^x + C\right]$

$\int x^3 \sin x \, dx \quad \left[-x^3\cos x + 3x^2\sin x + 6x\cos x - 6\sin x + C\right]$

$\int \sin 2x \, dx \left[-\frac{\cos 2x}{2} + C\right]$

$\int e^{3x} dx \quad \left[\frac{e^{3x}}{3} + C\right]$

$\int x e^{3x^2} dx \quad \left[\frac{1}{6}e^{3x^2} + C\right]$

$\int x e^{3x} dx \left[\frac{1}{3}x e^{3x} - \frac{1}{9}e^{3x} + C\right]$

$\int \sin\frac{1}{x} \cdot \frac{1}{x^2} dx \left[\cos\frac{1}{x} + C\right]$

$\int \frac{x}{3-2x^2} dx \quad \left[-\frac{1}{4}\ln|3-2x^2| + C\right]$

$\int \sqrt{x}\, e^{\sqrt{x}} dx \left[2xe^{\sqrt{x}} - 4\sqrt{x}e^{\sqrt{x}} + 4e^{\sqrt{x}} + C\right]$