

Prostě integrování

- | | |
|------------------------------------|---|
| 1. $\int e^x \cos x \, dx$ | $\frac{1}{2}e^x(\cos x + \sin x) + C$ |
| 2. $\int \frac{5}{2x-3} \, dx$ | $\frac{5}{2} \ln 2x-3 + C$ |
| 3. $\int 10x(x^2+13)^{12} \, dx$ | $\frac{5}{13}(x^2+13)^{13} + C$ |
| 4. $\int 5x^2 e^{x^3} \, dx$ | $\frac{5}{3}e^{x^3} + C$ |
| 5. $\int \frac{5x}{3x^2+1} \, dx$ | $\frac{5}{6} \ln(3x^2+1) + C$ |
| 6. $\int \sin 7x \, dx$ | $-\frac{1}{7} \cos 7x + C$ |
| 7. $\int 2e^{3x-1} \, dx$ | $\frac{2}{3}e^{3x-1} + C$ |
| 8. $\int \frac{\ln x}{x} \, dx$ | $\frac{1}{2} \ln^2 x + C$ |
| 9. $\int \sin^3 x \, dx$ | $\frac{1}{3} \cos^3 x - \cos x + C$ |
| 10. $\int \sin^3 x \cos^3 x \, dx$ | $\frac{1}{4} \sin^4 x - \frac{1}{6} \sin^6 x + C$ |