

Tabella derivate immediate

| $f(x)$ | $f'(x)$ |
|-------------|-----------------------|
| K | 0 |
| x^m | $m x^{m-1}$ |
| \sqrt{x} | $\frac{1}{2\sqrt{x}}$ |
| $\sin(x)$ | $\cos(x)$ |
| $\cos(x)$ | $-\sin(x)$ |
| $\tan(x)$ | $\frac{1}{\cos^2(x)}$ |
| e^x | e^x |
| a^x | $a^x \ln a$ |
| $\ln(x)$ | $\frac{1}{x}$ |
| $\log_a(x)$ | $\frac{1}{x \ln(a)}$ |

$$\operatorname{arctg}(x)$$

$$\frac{1}{1+x^2}$$

$$\operatorname{arcsin}(x)$$

$$\frac{1}{\sqrt{1-x^2}}$$

$$\operatorname{arccos}(x)$$

$$-\frac{1}{\sqrt{1-x^2}}$$