

TABELA ODVODOV

$$(x^\alpha)' = \alpha x^{\alpha-1}, \quad \alpha \in \mathbb{R},$$

$$(\sin x)' = \cos x,$$

$$(\cos x)' = -\sin x,$$

$$(a^x)' = a^x \ln a, \quad a > 0,$$

$$(e^x)' = e^x,$$

$$(\log_a x)' = \frac{1}{x \ln a},$$

$$(\ln x)' = \frac{1}{x},$$

$$(\arccos x)' = -\frac{1}{\sqrt{1-x^2}},$$

$$(\arcsin x)' = \frac{1}{\sqrt{1-x^2}},$$

$$(\operatorname{arctg} x)' = \frac{1}{1+x^2},$$

$$(\operatorname{arccotg} x)' = -\frac{1}{1+x^2},$$