

ODVODI:

1. $f(x) = c, c = konst, f' = 0$
2. $(x^n)' = nx^{n-1}, n \in \mathbb{R}$
3. $(\sin x)' = \cos x$
4. $(\cos x)' = -\sin x$
5. $(\tan x)' = \frac{1}{\cos^2 x} = 1 + \tan^2 x$
6. $(\cot x)' = -\frac{1}{\sin^2 x}$
7. $(\ln x)' = \frac{1}{x}$
8. $(\log_a x)' = \frac{1}{x \ln a}$
9. $(e^x)' = e^x$
10. $(a^x)' = a^x \ln a$
11. $(\arcsin x)' = \frac{1}{\sqrt{1-x^2}}$
12. $(\arccos x)' = \frac{-1}{\sqrt{1-x^2}}$
13. $(\arctan x)' = \frac{1}{1+x^2}$
14. $(\operatorname{arccot} x)' = -\frac{1}{1+x^2}$