

1. *Periodičnost*

$$\begin{array}{ll} \sin(x + 2\pi) = \sin x & \cos(x + 2\pi) = \cos x \\ \tan(x + \pi) = \tan x & \cot(x + \pi) = \cot x \end{array}$$

2. *Sodost, lihost*

$$\begin{array}{ll} \sin(-x) = -\sin x & \cos(-x) = \cos x \\ \tan(-x) = -\tan x & \cot(-x) = -\cot x \end{array}$$

3. *Zveze med kotnimi funkcijami*

$$\begin{array}{ll} \sin^2 x + \cos^2 x = 1 & \\ 1 + \tan^2 x = \frac{1}{\cos^2 x} & 1 + \cot^2 x = \frac{1}{\sin^2 x} \end{array}$$

4. *Prehodi med koti*

$$\begin{array}{ll} \sin\left(\frac{\pi}{2} + x\right) = \cos x & \sin(\pi + x) = -\sin x \\ \cos\left(\frac{\pi}{2} + x\right) = -\sin x & \cos(\pi + x) = -\cos x \\ \tan\left(\frac{\pi}{2} + x\right) = -\cot x & \end{array}$$

5. *Adicijski izreki*

$$\begin{array}{ll} \sin(x + y) = \sin x \cos y + \cos x \sin y & \sin(x - y) = \sin x \cos y - \cos x \sin y \\ \cos(x + y) = \cos x \cos y - \sin x \sin y & \cos(x - y) = \cos x \cos y + \sin x \sin y \\ \tan(x + y) = \frac{\tan x + \tan y}{1 - \tan x \tan y} & \tan(x - y) = \frac{\tan x - \tan y}{1 + \tan x \tan y} \end{array}$$

6. *Dvojni in polovični koti*

$$\begin{array}{ll} \sin(2x) = 2 \sin x \cos x & \sin^2 x = \frac{1 - \cos 2x}{2} \\ \cos(2x) = \cos^2 x - \sin^2 x & \cos^2 x = \frac{1 + \cos 2x}{2} \\ \tan(2x) = \frac{2 \tan x}{1 - \tan^2 x} & \tan x = \frac{1 - \cos 2x}{\sin 2x} \end{array}$$

7. *Produkti in vsote*

$$\begin{array}{ll} \sin x + \sin y = 2 \sin \frac{x+y}{2} \cos \frac{x-y}{2} & \sin x \sin y = \frac{1}{2} (\cos(x-y) - \cos(x+y)) \\ \cos x + \cos y = 2 \cos \frac{x+y}{2} \cos \frac{x-y}{2} & \cos x \cos y = \frac{1}{2} (\cos(x-y) + \cos(x+y)) \\ \cos x - \cos y = -2 \sin \frac{x+y}{2} \sin \frac{x-y}{2} & \sin x \cos y = \frac{1}{2} (\sin(x-y) + \sin(x+y)) \end{array}$$