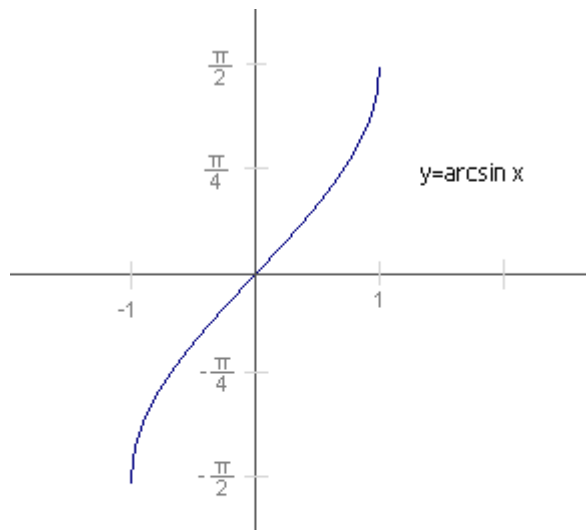


Atvirkštinės trigonometrinės funkcijos

$$y = \arcsin x$$

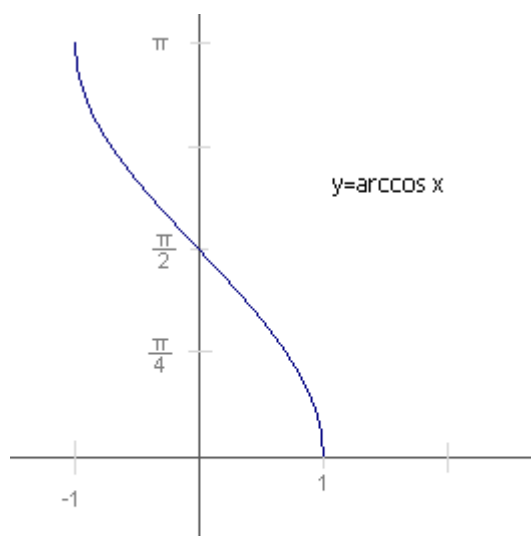
$$y = \arcsin x$$



1. $D(\arcsin x) = [-1; 1]$
2. $E(\arcsin x) = \left[-\frac{\pi}{2}; \frac{\pi}{2}\right]$
3. $\arcsin(-x) = -\arcsin x$

$$y = \arccos x$$

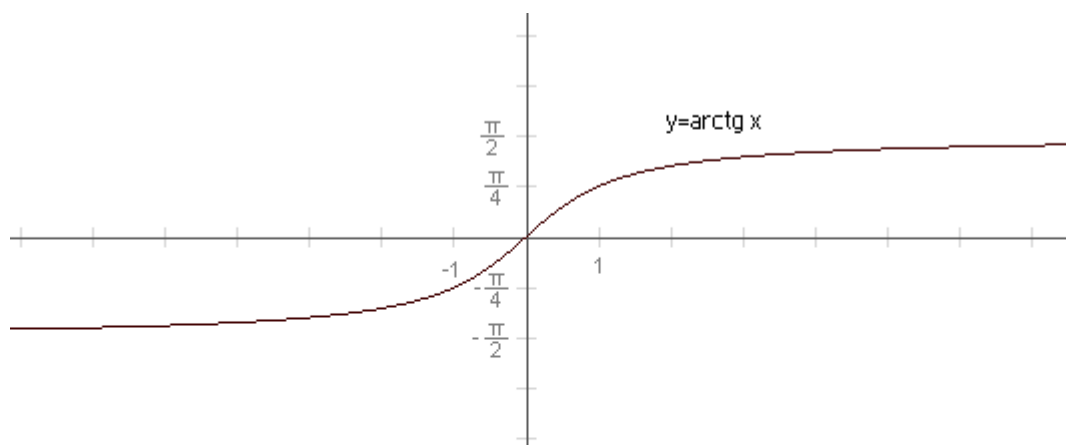
$$y = \arccos x$$



1. $D(\arccos x) = [-1; 1]$
2. $E(\arccos x) = [0; \pi]$
3. $\arccos(-x) = \pi - \arccos x$

$$y = \operatorname{arctg} x$$

$$y = \operatorname{arctg} x$$



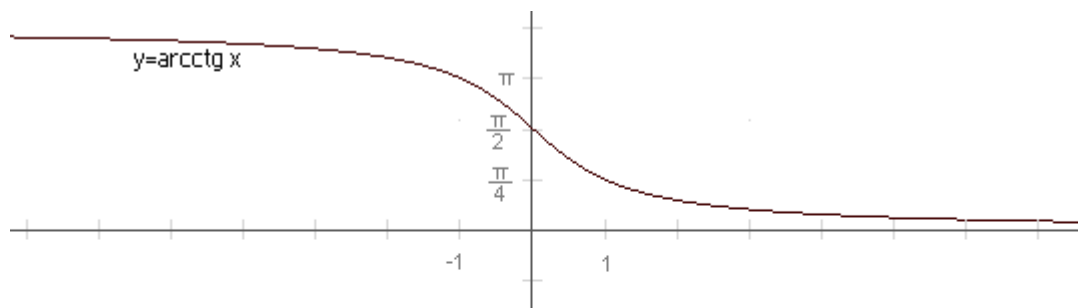
$$1. D(\operatorname{arctg} x) = (-\infty; +\infty)$$

$$2. E(\operatorname{arctg} x) = \left(-\frac{\pi}{2}; \frac{\pi}{2}\right)$$

$$3. \operatorname{arctg}(-x) = -\operatorname{arctg} x$$

$$y = \operatorname{arcctg} x$$

$$y = \operatorname{arcctg} x$$



$$1. D(\operatorname{arcctg} x) = (-\infty; +\infty)$$

$$2. E(\operatorname{arcctg} x) = (0; \pi)$$

$$3. \operatorname{arcctg}(-x) = \pi - \operatorname{arcctg} x$$