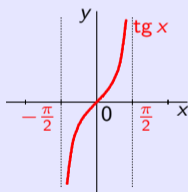


# Funkcie – cyklometrické funkcie

## Arkustangens

$$y = \operatorname{arctg} x : \mathbb{R} \rightarrow \left(-\frac{\pi}{2}; \frac{\pi}{2}\right)$$

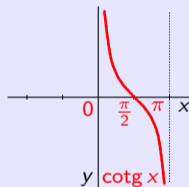
nepárna, rastúca,  
nulový bod je  $\operatorname{arctg} 0 = 0$ .



## Arkuskotangens

$$y = \operatorname{arccotg} x : \mathbb{R} \rightarrow (0; \pi)$$

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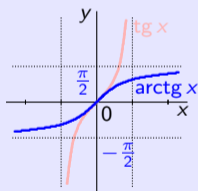
$$\forall x \in \mathbb{R} : \operatorname{arctg} x + \operatorname{arccotg} x = \frac{\pi}{2}.$$

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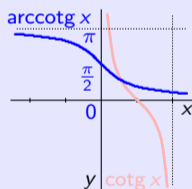
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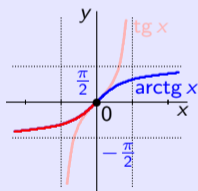
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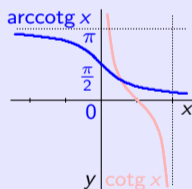
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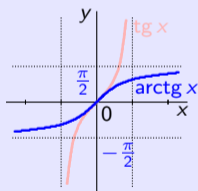
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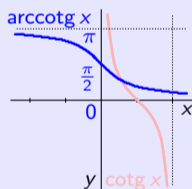
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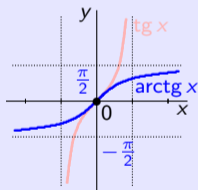
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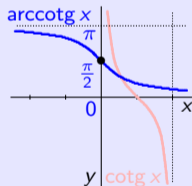
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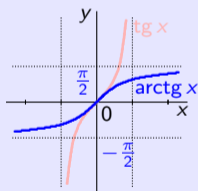
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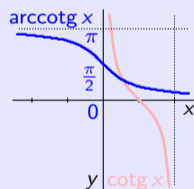
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