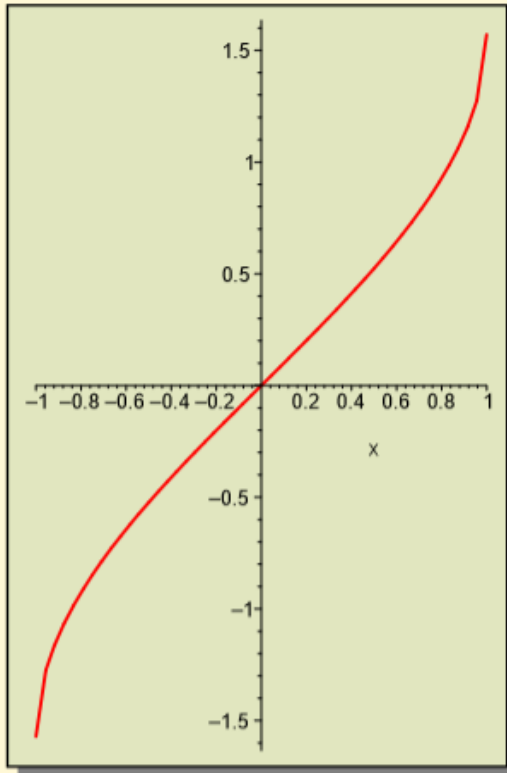
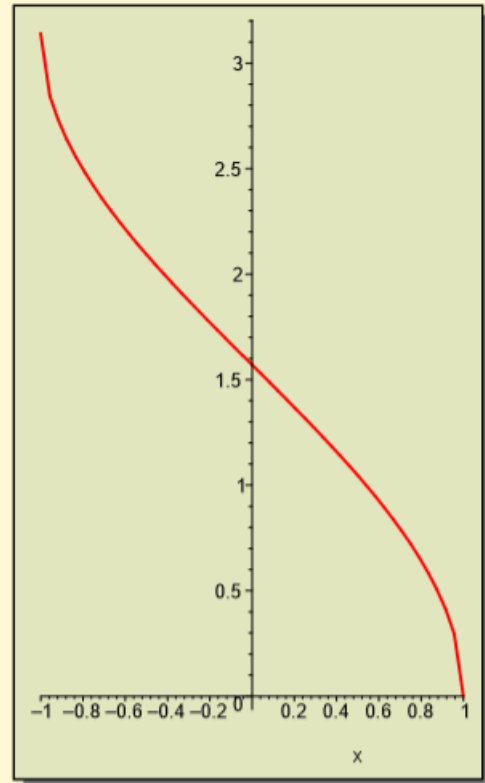


$$\arcsin := (\sin|_{\langle -\frac{\pi}{2}, \frac{\pi}{2} \rangle})^{-1}$$



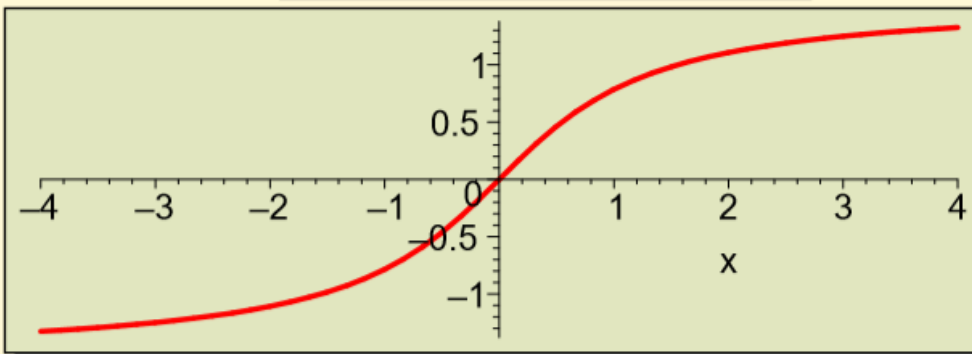
$$D(\arcsin) = \langle -1, 1 \rangle, \quad H(\arcsin) = \langle -\pi/2, \pi/2 \rangle$$

$$\arccos := (\cos|_{\langle 0, \pi \rangle})^{-1}$$



$$D(\arccos) = \langle -1, 1 \rangle, \quad H(\arccos) = \langle 0, \pi \rangle$$

$$\operatorname{arctg} := (\operatorname{tg}|_{\langle -\frac{\pi}{2}, \frac{\pi}{2} \rangle})^{-1}$$



$$D(\operatorname{arctg}) = \mathbb{R}$$

$$H(\operatorname{arctg}) = \langle -\pi/2, \pi/2 \rangle$$

$$D(\operatorname{arccotg}) = \mathbb{R}$$

$$H(\operatorname{arccotg}) = \langle 0, \pi \rangle$$

$$\operatorname{arccotg} := (\operatorname{cotg}|_{\langle 0, \pi \rangle})^{-1}$$

