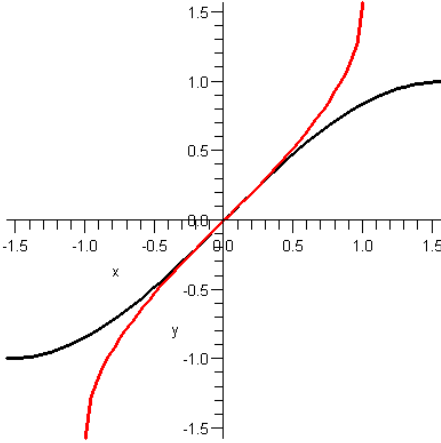
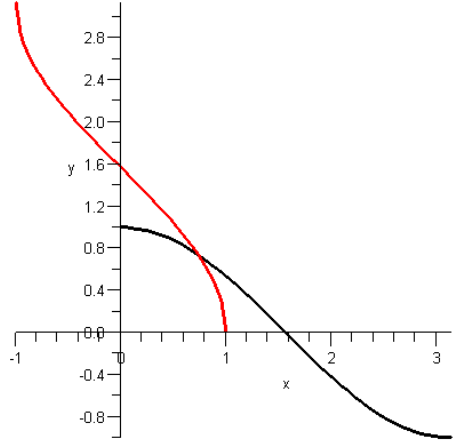
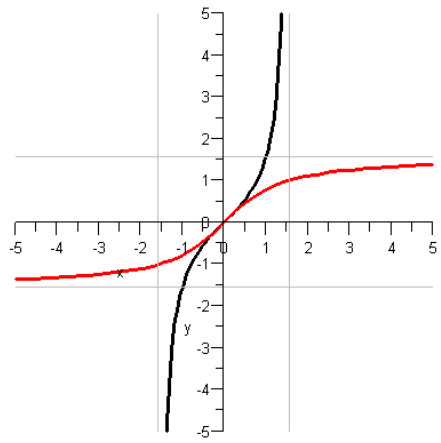
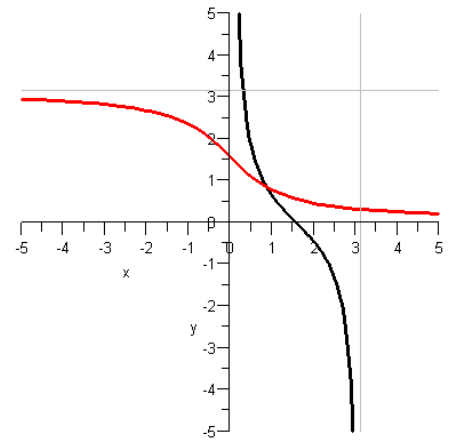


Sinus et Arcsinus	Cosinus et Arccosinus
	
$f : \left[-\frac{\pi}{2}; \frac{\pi}{2}\right] \rightarrow [-1; 1]$ $f^{-1} : [-1; 1] \rightarrow \left[-\frac{\pi}{2}; \frac{\pi}{2}\right]$ $\forall x \in R, \forall y \in R, y = \sin(x) \Leftrightarrow \begin{cases} x = \sin(y) \\ y \in \left[-\frac{\pi}{2}; \frac{\pi}{2}\right] \end{cases}$ $\arcsin'(x) = \frac{1}{\sqrt{1-x^2}}$	$f : [0; \pi] \rightarrow [-1; 1]$ $f^{-1} : [-1; 1] \rightarrow [0; \pi]$ $\forall x \in R, \forall y \in R, y = \arccos(x) \Leftrightarrow \begin{cases} x = \cos(y) \\ y \in [0; \pi] \end{cases}$ $\arccos'(x) = \frac{-1}{\sqrt{1-x^2}}$
Tan et Arctan	Cotan et Arccotan
	
$f : \left(-\frac{\pi}{2}; \frac{\pi}{2}\right) \rightarrow R$ $f^{-1} : R \rightarrow \left(-\frac{\pi}{2}; \frac{\pi}{2}\right)$ $\forall x \in R, \forall y \in R, y = \arctan(x) \Leftrightarrow \begin{cases} x = \tan(y) \\ y \in \left(-\frac{\pi}{2}; \frac{\pi}{2}\right) \end{cases}$ $\arctan'(x) = \frac{1}{1+x^2}$	$f : (0; \pi) \rightarrow R$ $f^{-1} : R \rightarrow (0; \pi)$ $\forall x \in R, \forall y \in R, y = \text{arccotan}(x) \Leftrightarrow \begin{cases} x = \cotan(y) \\ y \in (0; \pi) \end{cases}$ $\text{arccotan}'(x) = \frac{-1}{1+x^2}$