

Derivada de las funciones hiperbólicas inversas

Función	Derivada
$f(x) = \operatorname{arcsenh}(x)$	$f'(x) = \frac{1}{\sqrt{1+x^2}}$
$f(x) = \operatorname{arccosh}(x)$	$f'(x) = \frac{1}{\sqrt{x^2-1}}$
$f(x) = \operatorname{arctanh}(x)$	$f'(x) = \frac{1}{1-x^2}$
$f(x) = \operatorname{arccsch}(x)$	$f'(x) = -\frac{1}{ x \cdot \sqrt{x^2+1}}$
$f(x) = \operatorname{arcsech}(x)$	$f'(x) = -\frac{1}{x \cdot \sqrt{1-x^2}}$
$f(x) = \operatorname{arcoth}(x)$	$f'(x) = \frac{1}{1-x^2}$