

Derivada de las funciones trigonométricas

Función	Derivada
$f(x) = \text{sen}(x)$	$f'(x) = \text{cos}(x)$
$f(x) = \text{cos}(x)$	$f'(x) = -\text{sen}(x)$
$f(x) = \text{tan}(x)$	$f'(x) = \text{sec}^2(x)$
$f(x) = \text{csc}(x)$	$f'(x) = -\text{csc}(x) \cdot \text{cot}(x)$
$f(x) = \text{sec}(x)$	$f'(x) = \text{sec}(x) \cdot \text{tan}(x)$
$f(x) = \text{cot}(x)$	$f'(x) = -\text{csc}^2(x)$