Funzione	Derivata	Funzione	Derivata
x^n	nx^{n-1}	$\sqrt[n]{x}$	$\dfrac{1}{n\sqrt[n]{x^{n-1}}}$
GONIOMETRICHE			
$\sin x$	$\cos x$	$\arcsin x$	$\dfrac{1}{\sqrt{1-x^2}}$
$\cos x$	$-\sin x$	$\arccos x$	$-\dfrac{1}{\sqrt{1-x^2}}$
$\tan x$	$\dfrac{1}{\cos^2 x}$	$\arctan x$	$\dfrac{1}{1+x^2}$
LOGARITMO-ESPONENZIALI			
$\log_a x$	$\dfrac{1}{x}\log_a e = \dfrac{1}{x\ln a}$	a^x	$a^x \ln a$
$\ln x$	$\dfrac{1}{x}$	e^x	e^x
FUNZIONI IPERBOLICHE			
$\sinh x$	$\cosh x$	$\tanh x$	$\dfrac{1}{\cosh^2 x}$
$\cosh x$	$\sinh x$	$\coth x$	$-\dfrac{1}{\sin sh^2 x}$
FUNZIONE COMPOSTA			
$f\{g[h(x)]\}$		$f'\{g[h(x)]\}\cdot g'[h(x)]\cdot h'(x)$	
$[f(x)]^n$	$n[f(x)]^{n-1}\cdot f'(x)$	$\sqrt[n]{f(x)}$	$\dfrac{f'(x)}{n\sqrt[n]{[f(x)]^{n-1}}}$
$\sin[f(x)]$	$\{\cos[f(x)]\}\cdot f'(x)$	$\arcsin[f(x)]$	$\dfrac{f'(x)}{\sqrt{1-[f(x)]^2}}$
$\cos[f(x)]$	$-\{\sin[f(x)]\}\cdot f'(x)$	$\arccos[f(x)]$	$-\dfrac{f'(x)}{\sqrt{1-[f(x)]^2}}$
$\tan[f(x)]$	$\dfrac{1}{\cos^2[f(x)]}\cdot f'(x)$	$\arctan[f(x)]$	$\dfrac{f'(x)}{1+[f(x)]^2}$
$\log_a[f(x)]$	$\dfrac{f'(x)}{f(x)}\log_a e$	$a^{f(x)}$	$a^{f(x)}\cdot f'(x)\ln a$
$\ln[f(x)]$	$\dfrac{f'(x)}{f(x)}$	$e^{f(x)}$	$e^{f(x)}\cdot f'(x)$
REGOLE DI DERIVAZIONE			
$k\cdot f(x)$	$k\cdot f'(x)$	$f(x)+g(x)$	$f'(x)+g'(x)$
$f(x)\cdot g(x)$		$f'(x)\cdot g(x)+f(x)\cdot g'(x)$	
$\dfrac{f(x)}{g(x)}$		$\dfrac{f'(x)\cdot g(x)-f(x)\cdot g'(x)}{[g(x)]^2}$	