

Derivata di funzioni elementari

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December 4, 2022

$f(x)$	$f'(x)$
a	0
x	1
$x^a, a \in \mathbb{R}$	ax^{a-1}
$a^x, a \in \mathbb{R}$	$a^x \ln(a)$
e^x	e^x
$\log_a(x)$	$\frac{1}{x \ln(a)}$
$\ln(x)$	$\frac{1}{x}$
$ x $	$\frac{ x }{x}$
$\sin(x)$	$\cos(x)$
$\cos(x)$	$-\sin(x)$
$\tan(x)$	$\frac{1}{\cos^2(x)}, 1 + \tan^2(x)$
$\arcsin(x)$	$\frac{1}{\sqrt{1-x^2}}$
$\arccos(x)$	$-\frac{1}{\sqrt{1-x^2}}$
$\arctan(x)$	$\frac{1}{1+x^2}$