function	derivative
$\overline{x^n}$	$nx^{n-1}$
$\sin x$	$\cos x$
$e^x$	$e^x$
$\ln x$	$\frac{1}{x}$ <sub>1</sub>
ln(1+x)	$\frac{x}{1+x}$
$\sin^- x$	1
$\tan^- x$	$\frac{\sqrt{1-x^2}}{1\over 1+x^2}$
$\tan x$	$\sec^2 x$
$\sec x$	$\sin x \cos^{-2} x = \tan x \sec x$
$\csc x$	$\cot x \csc x$
$\ln  \sin x $	$\cot x$
$\ln  \sec x + \tan x $	$\sec x$

Taproot · 2020-2021 Page 1 of 1