## Derivatives

Derivatives

$$
\begin{aligned}
\frac{\mathrm{d}}{\mathrm{~d} x} \arcsin (x) & =\frac{1}{\sqrt{1-x^{2}}} \\
\frac{\mathrm{~d}}{\mathrm{~d} x} \arccos (x) & =\frac{-1}{\sqrt{1-x^{2}}} \\
\frac{\mathrm{~d}}{\mathrm{~d} x} \arctan (x) & =\frac{1}{1+x^{2}}
\end{aligned}
$$

