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Nov 28 2025

- $(u+v)' = u' + v'$
- $(u-v)' = u' - v'$
- $(uv)' = u'v + uv'$
- $\left(\frac{u}{v}\right)' = \frac{u'v - uv'}{v^2}$
- $(u^n)' = n \cdot u^{n-1} \cdot u'$
- $(\sin u)' = \cos u \cdot u'$
- $(\cos u)' = -\sin u \cdot u'$
- $(\tan u)' = \frac{u'}{\cos^2 u}$
- $(\ln u)' = \frac{u'}{u}$

A

$$\frac{d}{dA} = \cos(A^2) \cdot 2 \cdot A^1 \cdot 1 \cdot \cos(A) - \sin(A^2) \cdot -1 \cdot \sin(A) \cdot 1 - \frac{1 \cdot A - A \cdot 1}{A^2}$$