

$$f(x) = \frac{x}{\cos x}$$

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$$Z = x \quad N = \cos x$$

$$Z' = 1 \quad N' = -\sin x$$

$$\begin{aligned} f'(x) &= \frac{1 \cdot \cos x - x \cdot (-\sin x)}{(\cos x)^2} \\ &= \frac{\cos x + x \sin x}{(\cos x)^2} \end{aligned}$$