Math 119 T2 Quiz 3 (03.12.2020)

Let g be a function satisfying g(1)=1 and $g^{\prime}(1)=4$.

If $f(x)=(g(x))^{\arctan x}$, find the slope of tangent line to f(x) at x=1.

= T - slope of the tangent line of f(x)at x=1 (=f'(x))