Then 5 myane 5 y 2 ln /x + Vx 2+ (1) d (ln(Vx2+1+x))= dln(a) da, az Vx2+1; d lna=1  $\rightarrow dx \left(x + \sqrt{x^2 + 1^2}\right) \rightarrow dx \left(\sqrt{x^2 + 1}\right) + 1 \rightarrow$ X+ Vx2+1' X+ Vx2+1 > d (vx2,1) = dva da, a x2+1; d (va) - 2va  $\rightarrow 1 + \left( \frac{dx}{dx} \left( x^2 + 1 \right) \right) \rightarrow 1 + \frac{d}{dx} \left( x^3 + \frac{d}{dx} \left( 1 \right) \cdot \frac{1}{2 \sqrt{x^2 + 1}} \right)$ > 1+ ofx (x2)+0 -> ofx (x") 2 11 x" (n22)-1 d 12/22 -> 1+2× 1/20×211 -> 1+ ×