

Solver 4 = loge (x'+y')

Solve 3+

u = tan-1 (x-y)

e" = x"+y"

 $\frac{dan u = x^3 + y^3}{x - y}$ 

e' = x' x 1+ y (7/x)4

2 1 + (9/m)

 $du u = x^2 \left[ \frac{1 + (y/x)^3}{1 - (y/y)} \right]$ 

 $e^{4} = \chi^{3} f \left( 1 + (3/\chi)^{4} \right)$   $1 + (3/\chi)$ 

tany = x of (x,y)

e4 = of (x,y)

is By Ruler's theorem,

By Euler's theorem,

=) x dt + y dt - nf

=> x 2£ + y 2f - nf

-) x 2 (tany) + y 2 (tany) = 2 (tany)

=) x \(\partial\) (e4) + y \(\partial\) (e4) \(\partial\) = 3(e4)

=> x sec²4. Du + y sec²4. Dy = 2 tanz

=) x e dy + y e dy - 3 e d

=> x Jy + y Jy - 2 (tany)

 $\frac{3x}{34} + \frac{3y}{34} = 3$ 

Henre proud

34 th 31

= sin 24 -

Here proved

