TREEPAT 20210808 (xx1) } find of f-1(x)

(X)= (X+1) 3

x = 3/f(x) -1

t-1(x) = 3 /x -1

dx f-1(x) = 3x

) = (x+1) ((x+1) 1/2

(x) 1 2 had 2x (E(1-x2)

f(x) = 2 gn (x+1) + 12n (x2+1) -3 gn (ex-1)

1 du ; de entir) = f'(x) = 2 + 1/2 (x241) - 2x-1

 $f'(x) = f(x) \left(\frac{2}{x+1} + \frac{1}{2(x^2+1)} - \frac{3}{2x-1} \right)$