18te Malhe His am 29.11.22 Stevan Wegji wester U= x - Sih (x) 4-1149-() V = (os(x)) V' = -sin(x)4.114 9 a=x2 a=2x $f(x) = x - \sin(x) \cdot \cos(x) b = \sin(x) b' = \cos(x)$ V 2x Cost 1/x). (2x. sin(x) + cos(x).x2 - cos(x) U= 2x. sin(x) + cos(x).x2 - sin(x) - (x2 - sin(x) 11(x) = 2x - (05(x) - sin(x) + x2 - cos2(x) $-x^2-\sin^2(x)$ b) y= \x . (x+3) . ex U= Vx - (x2+3) $4'(x) = \frac{6x^{2} + 3 \cdot 1e^{x}}{2 \cdot \sqrt{x}} + e^{x} \cdot (\sqrt{x} \cdot (x^{2} + 3)) = e^{x}$ $2 \cdot \sqrt{x}$ 6' = 2x 6' = 2x 6' = 2x 6' = 2x11(x) = 5x2+3ex+2x3ex+6xex 9= Vx h= (x2+3) P(x)= ex (5x2+3+2x3+6x) U1= 1 - (x2+3) +2x. Vx $| (+)|_{-2} = \frac{12 \sqrt{x}}{12 \sqrt{x}}$ $= + \cdot \ln(+) - 2^{+} \quad (-)|_{-2} = \frac{12 \sqrt{x}}{12 \sqrt{x}}$ $| (+)|_{-2} = \frac{12 \sqrt{x}}{12 \sqrt{x}}$ $| (+)|_{$ of AH = + . ln(+) - 2+ 4/4)=(la(+1+1). 2++ la(2)-2+. f'(1)=21en(1)+2+ 2tln(2)ln(+) -) f'(1)=2+(ln(+)+1+tln(+)ln(2),