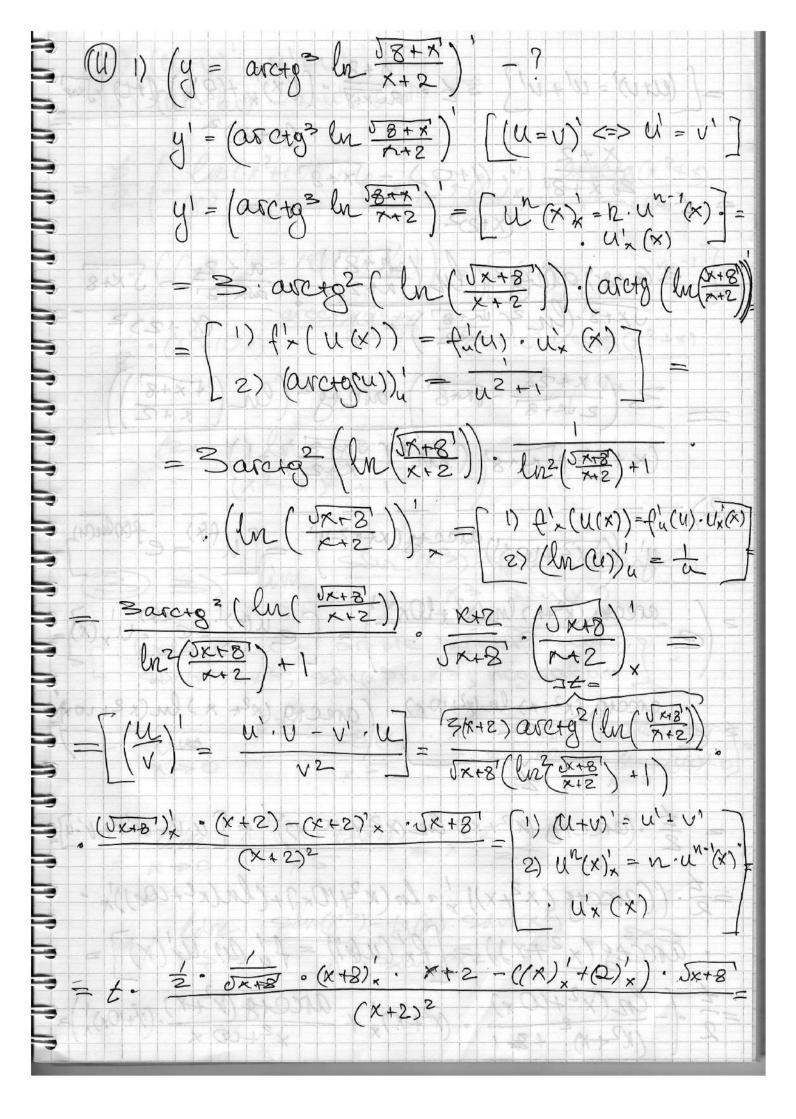
Benunco Apceren Anekcargpolin NUTUTO MBT 12. 2rp. Srt. 07.07.2021. Baquerre 16. f(x) = 0,5 coex -9; E(p(x)) -? 1) E (cosx) = [-1;1]; f= starx 2) E (0,5cosx) = [-0,5;0,5]; f= 0,5cosx Tragour commercer no begrucoum 8) E(0,500x-3) = [-9,5; -8,5]; f:0,500x-3 magair enjeronemen un seg. bgono, our OY -5,5 p(x)=0,50091-9 -10 7/2 = 32-5n+16+h; 71...s-X = 3.12-5-1+16 +1=-14+1=-13 (-1)' X2 = 3.22 - 5.2 + 16 + 2 = 18+2 = 20 F1)2 M3 = 3-32-5.3 + 16 (-1)= +3 = -28+3 = -25

 $N_{1} = \frac{3 \cdot 1^{2} - 5 \cdot 1 + 16 + 14 - 114 + 14 - 148}{619^{4}}$   $X_{5} = \frac{3 \cdot 5^{2} - 5 \cdot 5 + 16}{619^{5}} + 5 = -66 + 5 = -61$   $C_{1} = \frac{5}{100} + \frac{5}{100$ 



(eut v)'= w+ v/ = t = 20x+8 = ((x)' + (8)x)-(+0) . Jx+8 (1+0) - 5x+8 3 (x +2-) arcta 2 ( lu ( ex+ 2)) 2 Jx+8 - Jx+8 arctg2 (len ( + +8) n, =(0 x5+10 x1) aucces (x1 x5)), = [n + κ) = ε ενηνία) =  $\frac{1}{2} \operatorname{arectag}(k^2 + x) \ln(x^2 + lOx) = \left( e^{u(x)!} - e^{u(x)!} \right)$ arccto (x2+x) ln (x2+10x) (arecto (x2+ x) ln (x2+10x) = (crecty (x2+x) ln (x2+00x)) = [u.v.=u:v+v:u] = = ((avccto (x2+x)) , . ln (x2+10x7+(ln(x2+cax))x arcces  $(x^2 + x) = |f_x(uar)| = f_u(ur) \cdot u_r(x)$ 

= 2) (autleu)1 = a.u.+6.v1  $=\frac{\pm}{2}\left(-\frac{\ln(x^{2}+10x)}{(x^{2}+x)^{2}+1},((x^{2})'_{x}+(x)'_{x})+\frac{avec+g(x^{2}+x)}{x^{2}+cox}\right)$ - ((x2) +10-(x)/) = (xn) = n. xn-1  $= \frac{1}{2} \cdot (x^{2} + 10x) = \frac{1}{2} \cdot (x^{$ (2x+1) (n (x2+10x) (x2+x)2+1 lim = 2 2 (x 3) - +3 (x 2) Esemenum on-ble npeop-wee; 300(x2): x2; 300(x3): x3; nogoraloum lim npagen: Um to(x)=0 lim x2(x-ts(x)) = lane son(x2)-to(x). son(x2) 8