7.3/2 -7.3.22 (k ornery of 11.05) /in x'. e 2 [o . o] 2 /in (x')'- (e x)

= /in 2x e x /in (2x)'- (e-x)'z 2/im 2. e=2.e=22.0=0 7.3.20. = 120 (Sin + -x)' = /in 605+ -1

= + = 0 | + = sin x)' + = 0 | + (sin x)' + = (sin x)'

/ 3)' - sin x + x - (sin x)' -2 /im Cosx - 1 2 /im (Cosx - 1) 2 /im (Cosx - 1) 2 8 = 0 (SIN & X (OSX - X) 2 /in - sin 8 2 -0 20. 200 cosx - sin 8 2 1-0 20. 7.3.22 //my (1-x3 -1-x2) = [0-0]

 $= \lim_{x \to 1} \left(\frac{1-x^2-1+x^3}{1-x^3} \right) = \lim_{x \to 1} \left(\frac{1-x^3}{1-x^3} \right) =$ = /m 3x2-2x /in 3x2-2x = 1/m 3x2-2x = 2+9 = 3x2+3x9-2x = 2+9 $\frac{3}{2} \frac{1}{100} \frac{3}{5} \frac{1}{4} - \frac{2}{3} \frac{1}{4} - \frac{2}{2} \frac{1}{8} = \frac{1}{2} \frac{1}{8}$