1) Ay = A. Ax + (d(Ax) · Ax) - EXCECCH age lim d(AX)=0 2) dy - gugagaepengame df(xo)-gugagepengual B() Xo 3) dx= 1x 4) dy = 1 (x)dx x ∈ (a; 8) f'(x) = dy 5) + (xo + Ax) P(xo) + f'(xo) - AX 272.1. 4= e dy=? dy= yx dx - (60), dx = 160%. 0, ]= = ex3. (x3) x dx = ex3. 3x2 dx = 3. x2 ex dx

= (2.2-3)-0,1 =0,1 My= 12-31 11 Ay 1dq - 861 Kess 102 9 = 9 (x+ 1x) - y(x) = ((x+ 1x) = 3(41)) e 7.29 Kautu R -(x2-3x+1)= x2 12x Dx + (Ax)2-3x -3414 1) 10 1,02 1-x2+3x-1= (2VAX-3AX)+(1X)= f (x0+ AX) & f(x0) + f (x0). AX = (x-3)-1x, +(0x) = 64= (2x-3) dx S.M. no other K Xo In 1,02, = in (+ 0,02) - [xo=d -, 0x=0,02] = XOTAX MOREM IN 1= FCX01 200 d== f'(x)dx = ((x-3x)+1), dx= 4 1/11 + (10(4)) . 0,02 = [(10x)x = ]-10 +5. = (2x-3)dx · 0,02 = 0++.0,02 =0,02 In 1,022 0,02 Ay (4x2 = ((2x-3) AX +(AX)2) = 2)-127= [24 = K+7 + regreyer, T.K 10 = 25; AV=-1; +8 M. NO OTHOM. E 16 TH = (2.2 -3). 9 + + 10,0= 0,1+0,01=01 Et + = 10 . (-1) - 5 + 24 1 + 0 = 5 - 10 = dy /- ((2x-3) dx) = ((2x-3) - Dx)= = 9 70 = 4.9 T. P. JER 16 9.8

272 13 y=3/x 3 dy, d2y, d3ydy = yxdx = (3/x) x dx = (x3)/dx = 3 x 3-1 dx = 3 x 2/3 dx = 3.3 d= 4 (37/2) d(x) dy=d(dy)=-= = - = (x 3/dx3