19 KULPOUFO Assignment - 6 x *()-x+ cm.x+x x (m-y) 1- = mis manual calculation T - F.82.0) 1 -(40) data [x,y] Read X cm - X x x x y y m - B) * 1 - = 35 174 EPO - 3 7.1 Data pre processor wing normalization 10.X=(885)-1.0 X 0.5375/76 0. 190 (81.0) 0.612 71(0.) = 11100 +1 = ma+ m = = 1; == -1 initialization 12000 1=1 mate m poch eta = 0.1, epoch=1 man iteration = 1000, eta = 0.1, cr iter = 1 1+1 = (i) sigmo? set sample(i)= == [-1] df = -1 (y-m1 * xx) x-m2 x x-c)*x*x (6) dm, 290+2 (c + c) 13 = - (0.537- 1 * (0.4)(0.4) - 1 * (0.4) +1 (P).03 * (20 P.O + OP).0 4 FEO.) H60H00 - -

CHURTOUTO + Mignacat . 6 dmg = -1 (y-m1 * x * x-m = * x - c) * x -1(0.537 - 1 × (0.4) 0.4) - 1× (0.4) [P. F. Josob (0.4) 3 4x ans = + 5 0.3.8% de = -1 * (y-m(**x*x-m) *x-c) H E1 1. E = - 0.97 20.0 = (788.0-)1.0 = = 20.0 = 0.000 0.000 = (788.0-)1.0 = 2000 0.000 = (788.0-)1.0 = 2000 1 C = - 1 dt = 500 (0.97) = 0.097 $MC = C + \nabla C = -1 + 0.038 = 0.001$ $M' = W' + \nabla W' = 1 + 0.038 = 0.001$ $M' = W' + \nabla W' = 1 + 0.038 = 0.001$ $M' = W' + \nabla W' = 1 + 0.038 = 0.001$ T = 1941 F82 (9 somple (i) = i+1 i= 1+1=0=(1)3/9-102 +32 (2 (1) () ste (sample (1) = 12) - 6) 1- = 30 (14 (2 ≤ 2) T → HEP3 ED (10) x E - (40) (10) x 1 - EES 50) - 3 (0.612-1.0151 × 0.190x 0.190 -1.039 * 0.190 + 0.903) * (0.19) 2 -0.04624

(1) (2) 1: de -- (0.612- 1.015 * 0.190 * 0.190 -1.031 * 0.190 + 0.905) * (0.19) a pure ou missi = -0.24341 H10) OCO 1 = 19 - CO.613- 1-015 × 0.190 × 0.190-1.03 dE = DOC × 0.190 + 0.903) = -1.281 $\int \Delta m = - \int \frac{dE}{dm} = -0.1(-0.0462) = 4.62 \times 10^{-1}$ Am2 = - 1 de = -0.1 (-0.243) = 0.0243 DC= -7 dE =-0.1 (-1. 381) = 0.1281 (1) m, = m, + Dm, = 1.0155 + U.62 x103=1.020 mg = mg+1mg=1.031 + 0.624 = 1.054 C= C3+QC=-0.901+ 0.1271= -0.775 9 sample (i)=i+1 1 = 2+1=3 10 ft (sample(i) = ns) it (3 = 2) + -) Next (tep

(a) it (iter & e pochs)

(1) iter = iter +1= 1+1=2

i+ (3 = 1) = FID Next step (13) atop 1000 0 -001.0 1 180 1 brint w and c 148400 - = m= 1.000, 1.054 C= -0.775 110.1 -010.0) = 35 (80P.0 1 001.0 % 150.)42 = 61×620= (6240.01.01.0- = 36 5- = 100 0 EUCO.0 = (8 HC.0 -) 1.0+ = 3 to 5 = 3 cm A