Assignment -11

Mestrio Accelerated quadrint descent

$$= -(3.4 - (1+(0.9)0)(0.2) - (-1+0)0.2$$

Step 8: 11 [sample > no. of lample) →

202 false

90 to step 7

step 9:

= -1.717664

Step 13:

14 (sample > no. 0) (ample)
372 true
go to next step

stiplu: "teration = 1+1 = 2

stip 16: 91 (iteration > epochi)
2 > 2 jalse
qo to stip3

Hepit! sample =1

Step 181 gm = - (4; - (m+ 4vm) x; - (c+ Yrc) x;

=- (3.4-(1.33136)+(0.9)(0.24736) x0.2-10277416+0.9 x087416)

= - (3.4 - (1.553984) XO.2 - (0.95409)

= -2-13571

9 = - (34-1253984-0.954091)

= -0.891926

Vm= rum-ngm = 0.9 (0.2473664 - 0.18(-2.73511)

= 0.436414

Vc = ivc - ngc = 0.9(0)-0.807416- (0.1)(-0.891926)

= 0.815867

2 to 1 1 1 1 1 1 1 1 1 1

m-m+1 = 1.3316 + 0.43614 = 1.76774

C=(+n(= 0.551010+0.812891=1.003583

74cb 50: , 70mble = 70mble + 1= 141=5

Step 21: 8+ (sample > no. of samples) = 2>2 repeat step 9

Step 22:

Jm = - (A1 - (w + LAW) x) - (C+LAN) xi)

- - (3.8-(1.76774+0.9X0.43614)x0.4-1.043083+0.9X

= -[38-12.160266)x0.4-1.7775633)x0.4 0.815867)0.4

2 -0.463332

g = - (3.8 - (2.160266) (0.4) - 1.7795633)

> 1.1583303

10 gg (6) 7 g (

Ster

 $V_m = r_{v_m - n} \frac{\partial f}{\partial m}$ (0.9)(0.43814) - (0.1)(-0.463332)

= 0.43 885 92

Vc = TVe - not

0.9(0.815867) - (0.1)(-1.1583303) - 0.8501183

Step 23: m= 1.76774 +0.4385592 = 2.2065992

C = 1.043383+1.1583303 = 1.2016133

Step 24: Sample = 2+1 =3>2

Sdep 25: If Sample > spocks

go to next step

Acp 26: (teration 2+1=3

3.72 / Mith

goto nut step.

Step 27: Parot (m,c)

2.2065892, 2.2016133

step 28:

Calculate MCE

= (3.4-(2.2065991×0.2)-(2.2016133)2.+ (3.8-(2.20659

- (2.20613312))2

2

(6.57135)+ (0.572293)

=) 0.54271