Λ		•	
Ass	ignment	`	4
	U		1

A	$ x_i $	9; 1
1	7.6	157
2	711	174

S-1'r
$$N = 0.01$$
, $M = 1, C = -1$ $[7.6, 157]$
 $S - 2'r \frac{\delta \epsilon}{\delta m}|_{m=1} = -(y_1^a - mx_1^a - c) \times (-\infty;^a)$

$$= + (157 - 1 \times 7.6 - C1) \times (7.6)$$

$$= (158 - 7.6) (7.6)$$

$$=$$
 (150.4) (7.6)

$$= 1143.04.$$

$$\frac{\delta E}{\Delta m} | c_{z-1} = -(y_i^q - mx_i^q - c)$$

$$5-3$$
 $= -10.01) (1143.04) = -11.430$

$$\Delta c = -n \frac{\partial E}{\partial c} = -(0.01)(-150.4)$$

$$S-4+ M=M+\Delta M = 1+(-11.43) = -10.43$$

Sample - 2.

S-1;
$$[7:1/174]$$
, $n=0.01$, $m=1$, $C=-1$

S-2; $\frac{\partial C}{\partial m}|_{m=1} = -(g_1^{\alpha} - moc_1^{\alpha} - Q)C_{\alpha_1}^{\alpha_1})$
 $= (174-1\times(7:1)-(-1))\times7.1$
 $= (175-7:1)\times7.1$
 $= 167.9 \times7.1 = 1192.09$
 $\frac{\partial C}{\partial c}|_{c=-1} = -(G_1^{\alpha} - m\alpha_1^{\alpha} - c)$
 $= -(G_1^{\alpha} - m\alpha_1^{\alpha} - c)$
 $= -(G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha})$
 $= -(G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha})$
 $= -(G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha})$
 $= -(G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha} - G_1^{\alpha})$
 $= -(G_1^{\alpha} - G_1^{\alpha} - G_1^{$

2 0.679

Izeration-2

Sample -1: S-1: [7.6,157], N=0.01, M=-10.43, C=0.504 S-2: $\frac{36}{3m}$ M=-10.43=0 (157-(-1043)(7.6)-0.504) (7.6) = 1791.8064

 $\frac{\partial E}{\partial c} | e = 0.504 z - (157 - (-10.43) (7.6))(-0.504)$ = -235.764

S-37 $\Delta m = -\eta \delta \epsilon = (-0.01 \times 1791.8064)$ = 17.918064 $\Delta c = -\eta \delta \epsilon = (-0.01 \times (-235.764))$ = 2.35764

S-4: $M=M+\Delta M = -10.43 + (-17.918064)$ = -28.3548 $C=C+\Delta C = 0.504 + 2.35764$ = 2.86164

Sample -2 }

S-1
$$\neq$$
 [7.1,174], $N=0$ 01, $M=-10.92$ / $C=0.679$

S-2 \neq $\frac{\delta \epsilon}{\delta m} \Big|_{M=-10.92}$
 $= (174-(-10.92).(7.1)-0.679)(7.1)-(0.679)$
 $= 1781.056$.

 $\frac{\delta \epsilon}{\delta c} \Big|_{C=0.679} = -(174-(-10.92)(7.1)-(0.679))$
 $= -250.853$

S-3 \neq $\Delta m = -0.36 = -(0.01) \times (1781.056)$
 $= -17.810$
 $\Delta c = -0.86 = -(0.01)(-250.853)$
 $= 2.508$.

S-4 \Rightarrow $m = m + \Delta m$
 $= -10.92 + (-17.810)$
 $= -28.73$
 $= -28.73$
 $= -2.508$
 $= -3.187$