$$\frac{dE}{dm} = -\frac{1}{2} \left[\left((Y_{a_1} - m m_1 - ()^* n_1) + ((Y_{a_2} - m m_2 - ()^* n_3)) \right) + \left((Y_{a_3} - m m_3 - ()^* n_3) \right) \right]$$

$$\frac{dE}{dm} = -\frac{1}{2} \left[((3) + 8 - (1) (4x \cdot 1) - 1) + 46 \cdot 1 \right) + \left((5 + 4 - (1) (4x \cdot 3) + 1)^* + 88 + 1 \right) \right]$$

$$= \frac{1}{2} \left[(3) + (3) \cdot (3) \cdot (3) \cdot (3) \cdot (3) + (3) \cdot (3) \cdot$$

$$\frac{dE}{dC} = -\frac{1}{2} \left[(y_{a_1} - mn_{1} - C) - 1 (y_{a_2} - mn_{1} - C) + (y_{a_3} - mn_{3} - C) \right]$$

$$= -\frac{1}{2} \left[(703...) + 503...) + 483... = -745...$$

$$\Delta C = -\eta \frac{dE}{dC} = -(0.1)(-4ms.?) = 3ms.$$

$$m = [+ 15909.631. + 1706.63]$$

$$C = -1 + 34.73 = 33.73$$

$$dE = -\frac{1}{2} \left[(1774.2 - (1706.631)(34.1) - 73.73)^{\frac{1}{2}} + 35.1 \right]$$

$$+ (1734 - (1906.631)(34.2) - 73.73)(34.3)$$

$$+ (1737.9 - (1706.631)(32) - 33.73)(34.3)$$

$$dE = -\frac{1}{2} \left[(179.3 - (1906.631)(32) - 33.73)(34.3) \right]$$

$$dE = -\frac{1}{2} \left[(179.3 - (1906.631)(32) - 33.73)(34.3) \right]$$

$$dE = -\frac{1}{2} \left[(179.3 - (1906.631)(3.3) - 33.73)(3.3) \right]$$

$$(1747 - (1906.631)(3.3) - 33.73)$$

$$dE = -\frac{1}{2} \left[-1404.863.731 \right] = -3024.31.86$$

$$\Delta M = -(0.1)(5.6136.42.731) = -766.364.47.273$$

$$\Delta C = -(0.1)(7024.31.865) = -4024.31.86$$

$$M = 5906.631 + (-5613.654.273) = -7560.34.47.662$$

$$C = -75.53 - 30243.187 = -740169.653$$