Assignment - 5

I touchion 1

Data

540.9

$$\frac{\partial E}{\partial c} = -\frac{1}{2} \left[(y_{a_1} - m x_1 - c) + (y_{a_2} - m x_2 - c) + (y_{a_3} - m x_3 - c) \right]$$

$$\Delta m = -\eta \frac{\partial E}{\partial m} = -(01)(-59056-31)$$

$$= 5905.631$$

I tention - 2: m = 5406 -631, (= 73.53 $\frac{3E}{3m} = \frac{-1}{2} \left[\left(\frac{577.8}{5906.631} \right) \left(\frac{75.1}{75.1} \right) - 73.53 \right]$ + ((577-(5906.631)(74.3)-7353)*74.3) + ((570.9-(5906-631)(88-7)-7553)* 88.7)] = -1 [-112273085.855] = 50/36542-928 $\frac{\partial E}{\partial C} = -\frac{1}{2} \left[\left(571.8 - \left(5906.631 \right) \left(75.1 \right) - 73.53 \right)$ + (577-(5906.631)(74.3)-73-53) + (570.9 - (5906.631) (88.7) - 73.53) =-1= [-1404863.731] = 702431.865 Dm = - (0.1) (56136542-928) = -56/3654.293 DC = - (0.1) (702431.865) - - 70243.187 m = 5906 · 631 + (-561 3654 · 293) = - 5607747.662

C = 73.53 = 70243.187 = -70/69.657