5). and max (x) (y) 75.1 577.8. 74.3 577 88.7 570.9 Tteration=I N=0.1 m=1 c=-1

8e 2m = - 1 [(cyai=mx,-c) xx,)+((yaz-mxz-c) x2))+ (yaz-mxz-c) xx3)]

=-(0.5) [(577.8-(1)(75.1)+1)* 75.1)+ ((577-(1)(74.3)+1)* 74.3)+ ((570.9)-(1)(88.7)+1)* 88.7)]

= -(0.5)[(31827.87)+(37424.91)+(42859.84)]

(cr. 88 *(E 2.85 - (F 189) (183.50 Pel -1.0523) +

+ (1.2) \$ (300, 1828 HD-10008) (0.0)-

= = (0.5) (118112.62)

= 59086.31

3c = -1 [(571.8 - (15.1)+1)+ (577-(1)(743)+1), (570.9-(1)(88.7)+1)]

=(0.5)(503.7+503.7+483.2)

= - 0.5 (1490.6) = 745.3

 $\Delta m = -\eta \frac{\partial \xi}{\partial m} = -(0.17(-59056.31))$

= 5905.63)

AC = - N DE = - (0.1)(-745.3) = 74.53

m = 1+5905.631 = 5906.631

C = -1+74.53 = 73.53 + (7.88)(1)

Iteration - 2 Now m = 5906.631 C= 13.53

dt = -(0.5)[((577.8 - (5906.631)(75.1)-73.53)

+15.1) + ((577-(5906.631)(74.3) -73.53)*146

+(1570.9-(5906.631)(88.7)-73.53) 4 88.7)]

=-(0.5) [(504.27-443587.988) + 75.1)+

```
(503.47-438,862.683) 474.3+
 ( 497.37 - 523918.17) - 88.7)
=) - (0.5) ( (- 443083.718) + (75.1) +
  (-438359.213) +74.3+ (-523420.8) +88-7)
 = + (0.5) (33275587.2+32570089.54
                        46 427425)
 = 0.5 × 112273102 =) 56136551
36 = -1 [0008803.000 de 805993 P.S.].
      -(443083.118+438359.2134
          523420.8)]
    = (0.5) (1404863.73)
  = 702431.865) (CE21222) -.
Am = enconcertage _ (0.1) (56136551)
    = - 56136551
\Delta C = -(0.1)(902431.865)
    = -702431.865
             m=5906,631+(-56136551)
   Men fit
               =-56130650.4
             C = 73.53 + (-702431.865)
                = -. 702358.335
```