man p Pros (x1x,6) or e 41. da. 5 [1/2=1 = but(x/40)=  $J_{int} PDF(x_i | N_i, \sigma_i) = II \frac{e^{-(x_i - A_i) \frac{1}{2}\sigma_i^2}}{i \sigma_i^2} if x_i$  i = 1. N ilog (POF) = {-(+;-/4)/6;2 - 1 2/4 (3150;2) -2 log (PDF) = { (4: -/2) } + { b (27 0)

model 1 give 
$$h_{i}$$

model 2 gives  $h_{i}$ 

relative like of model 1 us. model 2.

$$PDF_{i} = \int \log \left(\frac{PDF_{i}}{DF_{i}}\right) = \log \left(PDF_{i}\right) - h_{i} \left(\frac{PDF_{i}}{PDF_{i}}\right)$$

$$PDF_{2} = -\frac{1}{2}(f_{i}^{2} - f_{i}^{2})$$

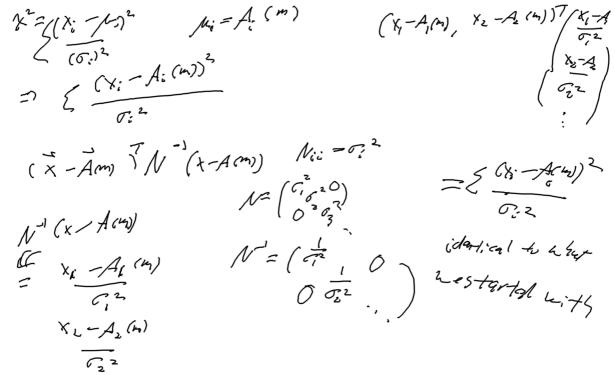
$$F_{1} = f_{i}^{2} + h_{0} = \frac{1}{2}(f_{i}^{2} - f_{i}^{2})$$

$$f_{2}^{2} = 0.5 = \frac{1}{2}(0.5) - 1/4$$

$$f_{3}^{2} = 0.5 = \frac{1}{2}(0.5) - 1/4$$

$$= 75.75 \quad \text{model 2 is of}$$

2= { (x;-/x;)2 = -2 / (PDF) + migan.



in Linear 9/96bra where does

$$\chi^{2} = (d-Acm)^{T}N^{-1}(d-Acm)$$

$$(d)^{2}A(m) = \int d^{2}Am$$

$$\chi^{2} = (d-Am)^{T}N^{-1}(d-Am) \quad \text{if linear}$$

$$\chi^{3} = (d-Am)^{T}N^{-1}(d-Am) \quad \text{if linear}$$

$$\chi^{4} = 0 \quad \chi^{4} = 0$$

ATVAM=ATVAME m= (ATNA5 (ATN-d)

d= & c, x, th (d)= co + xo c, + xo c2t-# pousefA = to as deta points H Glums of A = H mode | parameters

dingpo = ndig + hpa din(N) = ndata charta d: m (m) = 4 pm din(d) = Marta PEANAN = ATNOWN AT dayed exist unless now = noting (ATNA) m= (ATNANTOTAL) hat thepa n rax make . ndata . upa-I) nga xhpan

- (ATA) => VIVT

Asnot CLA lorse will be bud 11

V T-1 = V