	Date:
	Page No.
	Parameter Setination
C 0.	$(X \times X) \times (X \times X)$
Soll	Courider a random sample (X, Xz,, Xn)  U=0, (mean) n=0, (variance)
	11=0, (mean) 11 = 03 (various)
	likelihood frun $(0,0) = \overline{11} = (\overline{11} - (\overline{11})^2 - (\overline{11} - \overline{11})^2 = \overline{11} = 1$
	THE CLASSE FLAT (1) 12 TO 2
	to max. log
	$L_{1} = \frac{1}{12} \left[ \frac{1}{12} \left( \frac{1}{12}$
(i)	$\frac{1}{10000000000000000000000000000000000$
	d d <sub>1</sub>
	$\frac{\chi_i - no_i}{n}$
	$0 = \frac{5}{2} \pi$
	meat /
	$\frac{1}{2}\left(\frac{1}{2}\right)\right)\right)}{\frac{1}{2}}\right)\right)\right)}\right)\right)}\right)\right)\right)}\right)\right)}\right)$
(ii)	$\frac{d \ln L(0,0)}{d0_{2}} = \frac{5}{12} \left[ \frac{-1}{20_{2}} + \frac{(\chi_{1}^{2} - \theta_{1})^{2}}{20_{2}^{2}} \right]$
	$\frac{n-(n-0)^2}{2\theta_1^2} = \frac{n}{2\theta_1^2} = \frac{n}{2\theta_1^2} = \frac{n}{2\theta_1^2}$
	$Q_{2} = \left(\sum_{i=1}^{n} \left(N_{i} - Q_{i}\right)^{2}\right)$
	$Q_{2} = 1 \sum_{i=1}^{n} (N_{i} - O_{i})^{2}$
	Volume

Date:
Page No.

Sol2. Giranial distribution B(n,0)p=0 q=1-0

pnf.  $f(x; n, o) = {}^{n}C_{x} o^{x} (1-o)^{n-x}$ 

L(0) = TT ncx; 021 (1-0) n-x;

faling log.

ln (0) = = [ln 2cx; + 4; ln 0 + (n-xi)ln(1-0)]

 $\frac{deff. \text{ wrt. o}}{d \ln (o) = \sum_{i=1}^{n} \left[\frac{n_i}{o} - \frac{n-x_i}{1-o}\right] = 0}$ 

for 0,  $\frac{n}{\sum_{i} \left( \frac{n-n_{i}}{n} \right) n} = \frac{n-n_{i}}{1-n} = \frac{n}{n}$ 

 $\frac{1}{2} \frac{(1-0)x_{1}^{2} - o(n-x_{1})}{o(1-0)} = 0$ 

 $\sum_{i=1}^{n} (1-0)x_{i}^{2} - (n-x_{i}^{2})0 = 0$ 

 $0 = \sum_{i=1}^{n} x_i = \sum_{i=1}^{n} x_i \cdot m$ 

De Zai In A.M