(Jota)		
Sagn		

	Snashank A				
	19104018 , 5-11				
10	24				
(Q.1	Size at each bin = 24/4 = 6				
	3° 1: 7 11, 13, 13, 15, 16 5				
	Rin 2: 319, 20, 202021, 71, 75 4				
	Bin 3: 2324, 30, 40 45 45 45 4				
	Bn 4: } ús 45, 71, 72, 73, 75, }				
>	Smoothing by Bir moons:				
	men(Bin 1) = 13.83				
	Bin 1 : 3 13,83 , 12.43 , 12.63 , 13 13, 17.8				
	man (Bin 2) = 20.167				
	mean (Bin 3) = 30.67				
	meon (Bin 4) = 63.5				
>	Equie dogter emethod bin boundous				
	Bin 2: 2 11, 11, 16, 16, 16 b				
	Bin 2: 219, 19, 19, 19, 21, 21 4				
	13in 3: } 22, 22, 22, 45 45.4				
	Bin 4 12 45,45,75,75,75,75				
Q2					
al.	60 25 19 99 1				
	66 32 9 107 -				
	127 40 8 175				
	The state of the s				

	is expected to be	Q :		
	15.0			
	Getson 1865			
	18.53			
	68-33			
_				
_	65.74 35.2 18.	05		
_	7105 27.24 8	70		
_	1111	. 23		
-				
-	χ² = (60-65.75)2 +	(26-25.2) +		
+	65.75	25.2		
-	0.72			
_	- (5.74)2 + (0.2)2	+ (595)2 +		
-	6574 252	+ (595)° + 8.05		
	The state of the s	4 2 2 200		
	$\frac{(5.05)^2}{71.05} + \frac{(4.76)^2}{27.24}$	+ (0.3)2 +		
	$\frac{(10.8)^2 + (4.55)^2}{116.2}$	14.23		
	116.2 44.55	14.23		
		1 2 2 2		
	= 0.476 + 0.002			
	0.369 + 0.832			
	1.004 + 6.465	+ 2.728.		
4	. 4	S.		
_	= 10.274	+		
	10-274 7 9.488 (Ho) hypoth	mais is rejected.		
	Ho -> independent H,	is accepted in covelation		
		exists.		
3	Threshold = 0.9			
		, ,		

Onte Page

A B $\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} + $		Page						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		A 13-0						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		1 6 -6 -3.4 -4.6						
14 6 13 4 -0.4 7.6  16 6 13 4 -0.4 7.6  17 6 13 4 -0.6 -2.6  18 6 4 -1 0.6 -2.6  19 6 5.4 6.6  19 7		0 2 9 0.6 5.6						
Mean 6 5.4 6.6  Mean 6 5.4 6.6 $(x - x)^2 \le (x - x)^2 = (x - x)^$		14 6						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		8 3 -0.4 7.6	-					
Mean 6 5.4 6.6  Otac : $\sum (x-5)(x-5)^2 = 123.4$ Otac : $\sum (x-5)(x-5)^2 = 123.4$ $= 0.31$ $= $		10 5 13 4 -2.6						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
$\frac{918c}{5.00} = \frac{5.00}{5.00} = \frac{5.00}{5.00$	Mean	6 5.4 6.6						
$\frac{918c}{5.00} = \frac{5.00}{5.00} = \frac{5.00}{5.00$		1221						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			11-					
$\frac{916c}{5} = \frac{5.04}{5.04}$ $\frac{916c}{5} = \frac{5.04}{5.04}$ $\frac{5(8-8)^{2}}{5(2-7)^{2}} = \frac{5.04}{19.2 \times 130}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{100}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{100} = \frac{5}{200}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200} = \frac{5}{200}$ $\frac{5.}{5.} = \frac{5}{200} = \frac{5}$		$\left(\begin{array}{c} \leq \left(x-\overline{x}\right)^2 \leq \left(y-\overline{y}\right) \end{array}\right)$	)1/2					
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		= 0.91						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$								
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		9, = = (B-B)(C-Z) = 5.04						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		/ - 10 01 = (C-Z) 1/2 (19.2 × 130	) 1/2					
91AB = $\frac{1}{2} (A-M)(B-B)$ = 10 $\frac{1}{2}(B-B)^{2} \leq (C-C)^{2} V^{2}$ $\frac{1}{2}(A-22)^{1/2}$ $\frac{1}{2}(A-M)(B-B)$ = 10 $\frac{1}{2}(A-M)(B-B)$ = 10 $\frac{1}{2}(A-M)(B-M)(B-M)(B-M)(B-M)(B-M)(B-M)(B-M)(B$								
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		: ) ( 0 5 )						
5. $200 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	1	91AB = 5 (A-11)(B-B) = 10						
5. $\frac{1}{200}$ $\frac{1}{400}$ $\frac{1}{800}$ $\frac{1}{1000}$ $\frac{1}{2000}$ $1$		(EIB-B) & ((-C)) (19.2×14	2) 1/2					
(b) $M = 1000$ $C = (100 - 0) + 0 = 0$ $2200 - 200$ (b) $M = 1000$ $C = (100 - 0) + 0 = 0$ $= (68400)^{1/2} = 827.04$ $= 827.04$ $= 827.04$		2 0.19						
(b) $M = 1000$ $C = (100 - 0) + 0 = 0$ $2200 - 200$ (b) $M = 1000$ $C = (100 - 0) + 0 = 0$ $= (68400)^{1/2} = 827.04$ $= 827.04$ $= 827.04$								
(b) $V' = 200 - 200$ ( $100 - 0$ ) $+0 = 0$ $2200 - 200$ (b) $M = 1000$ $G = \left(\frac{1}{9}(960^2 + 700^2 + 300^2 + 1000^2 +$	5.	200 400 800 1000 2000 2300						
$(b)  M = 1000  G = \left(\frac{1}{3} \frac{900^2 + 700^2 + 300^2 + 1000^2 + 700^2}{3900^2 + 1000^2 + 700^2} + \frac{1000}{3900^2 + 1000^2} + \frac{1000}{300^2 + 100$	(0)	V' 3 200 - 200 (100 - p)						
$\frac{1}{3} \frac{1000}{300^{2}} + \frac{1000^{2}}{100^{2}} + \frac{300^{2}}{100^{2}} + \frac{1000^{2}}{100^{2}} + \frac{300^{2}}{100^{2}} + \frac{300^{2}}{10$		, +0 -0						
$\frac{1}{3} \frac{1000}{300^{2}} + \frac{1000^{2}}{100^{2}} + \frac{300^{2}}{100^{2}} + \frac{1000^{2}}{100^{2}} + \frac{300^{2}}{100^{2}} + \frac{300^{2}}{10$	(4)		1/2					
- (68400) "2 - 827.04 V' - 200-1100 = -1.088 827.04	(5)	M=1100 0 = (1 (960 + 700 + 3002 + 1002 + )						
V' - 200-1100 = -1.088 827.04 (c) V' - 200 = 0.02								
V' - 200-11001.088 827.04		÷ (68400) 12 = 827.04						
827.04 (c) V' - 200 = 0.02								
(c) V'= 200 = 0.02		V' - 200-1100						
(c) V'= 200 = 0.02		= -1.088						
0.02		0 4 7 . 0 4						
0.02	10)							
		0.02						



$$\begin{bmatrix} 2 & 1 \\ -2 & -1 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = 0$$