รูบาน: การลด มีถึงวักร

118981 : ENGCEZOT ADVANCED TOPICS IN COMPUTER ENGINEERING ADVI: Divensionally Reduction

ชัย-สาว : เรษฎาแล เรื่องค่า ชัย นักศึกษา : 68147206004-1

land town

nowa tim 2 to appliance the sit

rano.	X	Y
A	2	7
D	4	3
C	5	5
D	7	5.

רטיטטול

9		
P 2(x, Y)	×	Y
A ¹	2-15 = -2.5	1-3.5 2 -2.5
B'	4-1.5 : -0.5	3-35 205
c'	5-1.5 : 0.5	5-2.5 = 1.5
D'	7-4.5 = 2.5	5-25 ? 1.5

Cor
$$(x_{2,1}x_{1}) = \frac{(1-3.5)(2-4.5)}{3} + (5-3.5)(4-4.5) + (5-3.5)(5-4.5) + (5-3.5)(7-4.5)$$

$$= \frac{11}{3} = 7.66$$

Cor $(x_{2,1}x_{2}) = \frac{(1-3.5)(17.5)}{(1-3.5)(17.5)} + (3-3.5)(3-3.5) + (5-3.5)(5-3.5) + (6-3.5)(5-3.5)$

$$= \frac{11}{3} = 7.66$$

Convariance (lading) = $\begin{bmatrix} 4.33 & 3.66 \\ 3.66 & 3.66 \end{bmatrix}$

Convariance (lading) = $\begin{bmatrix} 4.33 & 3.66 \\ 3.66 & 3.66 \end{bmatrix}$

$$= 4.33 \times 3.66 - 4.33 \times 3.66 - 4.33 \times 3.66 - 4.33 \times 3.66 + 3.26 \times 3.66 \times$$

21 - 1.992 + 2 . 441 1 0

det [(+31-2 3.60)] 20 (5.50.2)(3.60-2) Prisos demonistras 2 -- b = 16-4nc , 6 = 1 , b = - 9.9, (= 2.4548 2 : 7.99 \$ (C-7.99) - +(1)(2.8628) · 4.99 ± (3.8101 - 9.871) : 4.91 + 59.0089

$$2^{\frac{1}{2}} \cdot \frac{4.99 + 7.299}{2} \cdot \frac{4.99 + 7.299}{2} \cdot \frac{45.231}{2} \cdot 2 \cdot 7.67$$

$$2^{\frac{1}{2}} \cdot \frac{4.99 + 7.299}{2} \cdot \frac{0.699}{2} \cdot \frac{9.32}{2} \cdot \frac{0.699}{2} \cdot \frac{9.32}{2} \cdot \frac{0.32}{2} \cdot \frac{0.32}{2} \cdot \frac{0.32}{2} \cdot \frac{0.699}{2} \cdot \frac{0.32}{2} \cdot$$

Figenvalues illapingo (2, = 7.61)

$$\begin{cases} (-3)^{2} & 2(1) \\ (-3)^{3} & 2(1) \\ (-3)^{3} & 2(1) \\ (-3)^{3} & 2(1) \\ (-3)^{4}$$

$$V : 0.917 \text{ (RDA } 7 = 1 \text{$$

apsil anices 20 cxxy resource 10

JAN BY INS ION Acres 42 1 G 2

$$x = \frac{(1+z+z+z)}{4} = \frac{11}{t} = \frac{1}{2}$$
 $y = \frac{(5+7+z+1)}{4} = \frac{11}{4} = 2.45$

1-3 = -7 5 -295726

	F'	1-1: -1	7 -2.4:02
	6'	1-3:1	1 -2%'04
H'	5-3, 2	1 -2-31-48	
			Datis (C)

: -7 : -7

, -? . -3

. 8.95 = 2.92

Cornelarce Patris : [5.77 -7]

(or (x1, x1) , (1-3)(5-28) + (2-7)(3-28) + (4-7)(2-2.8) + (5-7)(1-2.95)

(or (1, x,) = (5-2 75)(7-3) +(3-1.35)(2-1)+(2-1.35)(4-1)+(1-2-35)(5-7)

(or (x1) f1) : (5-2.15)(5-2.15) + (3-2.15)(3-2.15) + (2-2.15)(2-2.15) + (2-2.15)(2-2.15) (7-2.15)

$$\begin{cases} 3 & \text{dist} \quad \text{Eigenvalue}(2) \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{2} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}{73} \right] = 0 \\ \text{def} \left[\binom{731}{73} \cdot \frac{1}$$

485

tour Per (0.4230.18) K vissádtavás

F" , (-1)(04) + (17)(0.68) = 0.07

E" : (-1)(0.77) + (0.25)(0.64) = -0.56

H", (2)(017) + (-1.45)(066) ; 0.27

LOSELS ENVISO 2D (XIV) recess time 1D