Saheli Bhattacharya HW5 TU WE TH FR SA SU MO decreases as pincecases in 8)1) Success probability Sparrity decreases Success Prob. v/s sparsity level (p), r=1 0.9 0.8 Success Probability
7.0 6.0 9.0 0.3 0.2 0.25 0.15 0.2 0.3 Success Prob. v/s rank (p=0.05) 0.9 0.7 0.6 0.5 0.3 0.1 4.5

Success probability decreases as rank increases.

DATE: / /

MO TU WE TH FR SA SU

(S)2) VI~N(0,290) V2~N(0,300)

V3 = -0.3V, +0.925 V2+E~N(0,1)

CT.

x - [x1] xi = v1 + Ei~N(0,1) , i= 1,2, -- 4

x10 x1 = V2 + E ~ N(0,1) 1: = 51 - 8

Xi = V3 + Et~N (O)) ,i = 0,10

≤ = € [xxT]

Xadxa H-P- - 1 937

=> E(xi2) = 290+1 = 291; i = 1, -- - 4

E(xi2) = 300+1=361 ji=5, -- 8 E(x,2) = (0-3) × 270+ (0.525) × 300+1+1 = 284.7875, 1=9,10

E[x: x;] = E[42] = 200; is = 1,2,-4, its E [xix5] =0 1=1, --. 4 3=5,6, -- 8 E[x:xs] = E[vit] = 300, isi =5,...8 its E[xixi]= E[V32]= (0,3)2+ [(1,2)+ (0.925)2

# [J]+1

مارو- زرا

= 26.1 + 256.68 +1-283-78

E[x: xs] = -0-3 x F[v,2] =-87 , =1,-4

E [xixi] = 6-925x E[12] = 277.5 i=5,-18 5= 9,10



DAT

B 0 2	C C C
DATE: / / Mo	O TU WE TH FR SA SU
201 200 200 200	0 0 0 0 -83 -87
E- 201 290 250	0000 -87-87
291 250	0000 -87 - 87
Symmetric 251	0000 -87 -87
	30 3 80 300 300 277.5 2775
	301 300 300 247.5 277.5
	301 300 247 5247
	284. 78 43.42
1	
	284-48
A CONTRACTOR OF THE PARTY OF TH	
) see me Matlab code attac	hed
As a trecess me error	
normal PCA decreases.	
d) see Mat lab Code Attached	Land Control of the C
MININE TRANSPORT PLANTS	
PI BITTO ISSE LOCK AT A THE	