## I ham of hog grad

HM-17		A
DATE: / / MO	TU WE TH FR	SA SU
Q12 0) Top 10 rout webpoper	. (seed Ma	Hab code)
1- tzingland.edu.cn		
2. PYU.edy.cu		
3. stju.edv.ch		
7. njv-edura	* =	17.74
5. Vestc.edy.ch		
6. scot. edu. cn		
7. zsv.edu-ch		
8. dlut.edy.cu	きずん レオー	
g. Juday-edy-cy		
10. sen-edu-ch		
c) Kendell Tan distance		- W 17
Prits authory = 0.574)		
1 google 1x = 0.5118	J-1	
P HITS-hub = 0.3885		122
	us.	
d) Plot attached		
	1 h h = 1	1111
Q2 Let us assure Av+ + 1.	1x => for som	e iu,
	TA, A)	(0-1vxc)
Let $\vec{v} = \vec{v} + \epsilon \vec{e} , \epsilon > 0$		
y ei	standard basis	
(A) = (Av*);+ E(A	at ith	ented
( )	iei)	Vie.
$=\lambda^{*}$	Vi + CAH	74 1 A



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DATE:	1	1-	МО	TU WE	TH FR SA	A SU
For y	=i_:	2 21 100				
(	(AV); =	(Avx); + (	2 (Ae;);	> %.	Vi + CA	fi (i)
Smae	XX	= X*11;* + 4	€ 7*			
→ (F	- i(ve	(7,4,1)!	+ € (A	ii - 2	*)	
2	: (A 1*	$) \cdot i - (\gamma_{\chi}$	N.4 )-	$\in (\mathcal{A}_{k})$	17A -	) >0
for	Small	£>0, (	(A&).	> 2*	<b>ゾ</b>	
Thus	<i>&gt;</i> * ₁	3 nd c	Hund >	contr	colute as	somption !
	Morce	AV =	7/4	Y '		
		2001		, , ,	0.73	
b) Ta	s show	y y >0		1	1	
		';	• ( )	1,-14	7.2	* * -
Bone	that	fu sove	F, 1/2 =	=0, Th	en (HVP)	K=4,1/4=0
Brt -	A>0,	V* 20 ×	V+0	(=)	ti vit	D
	A 12 -	· · ·	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	,		
_ 7/	HUND	0 => This	contradio	y pres	1,007 col	dispor.
1 1 1		CSM (SM	ce A	70)		
$\sim$	X# 10	Malelae.	17 5	ומלמנו	. 0	



DATE: / /
AV=MV -> M=X* MO TU WE THE FR SA SU
Hence, A must have look Dose
Hence, A must have a left Pearson vector W*>0 5.+ ATW* = 2* U*
3. 11 W - 1 V
Then, A* (W+TV) = UATV
She w*TV DO (w* DD, VDD), there must
be At = 11
T-e. 2 is unique & Va is unique
THE STATE OF THE S
d) For any other ergorvalue A2=12,
A121 2 (A21 = 1A1  21, 30   A1 < 1*
26 E 24
Using Lemna 4 of notes, 12/2 2th
7 0) NOV.) 111
S 9) N(i,i) -enfected no jumps straky from non-absorbing state to xx hotting state it before realing absorbing state not)
non-absorbing State to before
really absorbly state not
i) Jump droughy state i to state bein I step
i) Jump directly stak i to stat bein I step which contributes I to expected no of jumps
2> Jord for another stake K to is in 1 state
2) John from another stake K to is in 1 step & control bak to stak is before absorbing stake
NCin) = It & NCIRI ACENI)

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DATE: / / MO TU WE TH FR SA SU
Mg) had Snellest goverelised egen rector 12f
1220.4685
b) Mallah Africa attendred
c) of x/2 0.1467 11= 1/2 d
offend stat 5 = {12345678911
5/1-5A salay21013 014 17 18 20 22
d) Check-landa
12775
· *X S/X! who by W pressed 17/12
e) hst = 0.1515
real plants of a landon and the land
5+= <1,2,4,5,6,7,8,11,12,13,14,17,18,
20, 22 Julied
Suboptinal cut St differs for optimal cut St
Suboptinal cut St differs for optimal cut St I nodes MSSTY M St x 3,94
of matter code
I will a dain at the wife of

21120 1011 = 7 - 10, 01