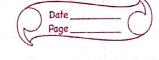
Lecture 8	classmate
SLA	Date 1 201 18 Page
	Section of the control of the contro
	thou that the fairle rolution for:
	7, + 7, + 7, = 2
Name and Alexandria Parametric question except a continue con la describación de la continue de	$\alpha_1 + \alpha_2 - 3 \alpha_3 = 2$
	2×1, + 4×2+3×3-2+=4
	a, , x, x, 7, 0
(61,1,0	2) } is nuet boarie.
	lince n>m, passible solution sets:
	$(\chi_1, \chi_2, \rho_1 \chi_3)$
	Given, of = 1, 2 = 1, 23 = 0, 24 = 2
	Non-banc
	0.2.04
	415 = 01+7/2+7/3 = 1+(+0=2=P4)5
	UHS = 711772-373 = 141-0 = 2 = RHE
	Lys= 20, + 41/2:+323-9/4 = 2+4+0-2 = 4=RHS
	the journ set is a rolle.
	Also, just n. , n2, n2, n4 >, 0, so it is a feasible
	ghution.
	A 124 = 1 0 proves are save,
	2 4 -1) 36 det =0
	1A124 = 0
	i's hinearly dependent => not basic
	* The volution net is always a convex set.
~	
hander of the state of the stat	



	* I live sequent joining two points be and by such that
	collection of points p # such that
	$b = \lambda b + (1 - \lambda) b$ $0 < \lambda < L$ howfor
Live	> probability
segne	$L = \alpha p = (y_1, y_2, \dots, y_n) p = \lambda p_1 + (-\lambda) p_2, 0 < \lambda < 13$
	182
PI	,
	* If subject S S IR" is said to be conven if for any pair
	of hours p. b. EC the line segment joining p, and p_
	is also contained in S (LCS).
Q.	Show that $0=d$ $ \alpha \leq 2$ is a conven set.
	We select a, 312 ES
	such that $ a_1 \leq 2$, $ a_2 \leq 2$
	and \lambda 1, + (1-1)22 < 2
	5 1/2,1+1(-1)21
	$= \lambda \cdot \mathcal{A}_1 + (1-\lambda) \mathcal{A}_2 $
	$ \begin{array}{lll} & = \lambda \cdot A_1 + (-\lambda)A_2 \\ & = \lambda \cdot A_1 + (-\lambda)A_2 \\ & \leq 2 \cdot \lambda + (-\lambda)2 = 2 \end{array} $ Simplex of ethod The solution will hand
	De With
#	Simplex of ethod
	ANTIMINA LIP TOU STOUTH WAS WELL
	The optimal volution to an LPP if exists always occur at some paints of the faty fearible while shall The simplex
	algorithm is an iterative process for finding the corner points
	and testing them for optimality. The evaluation of the corner
	shount always starts at the origin which we call the
	Cuitial basic fearible polition LIBFS) which is one of the corner
	e leaville of building wollton is tented for opportuning when are
	SAME CARRIED IN The Mose the much on a fumbre my sugar to
	to an advant course of the fermine of much of house
	the time court court is allaw tested for opposition.
	chair structive March Continues the top petite fundament annie
	be firstly improved and the final come point give the
	Showed of 2.