			Funde	amen	tal	Sul	rspaer	2S.		
	1. Si	ubspaee								
Col (A): Columns		or any								
of A correspond to pivot columns					· : the	span	e of the	O Nove 8	f M.	
a basis of column				_				columns	,	
rows of riefla)	e.	g. A = [346	(2 x	3) (m	xh)	1		,	
form a basis of colla)	•	9) = spa				3 CIR!	1)		
) = spa							
				1 ,5						
	3)	Null S	space (K	ernel)	: null	CM)	CKerci	MJ): the	e set of s	Polication
	to	$A\bar{x}^2 = \bar{c}$	→ o .							
	P	f. rule	(A) = \	xe IX	$\sqrt[n]{Ax}$	=0∫	is a s	subspace	in IK ⁿ	
	•	0 0	6 null	(A).						
		o le	$\{\vec{u}, \vec{v}\}$	E nul	(LCA)	→> /	Au =A	$\overrightarrow{v} = \overrightarrow{\overline{o}}$		
		AU	₹tv})=	= Au -	t A v =	0				
			t v 6 n							
			t cen			c(Au)	$= C \cdot \vec{0}$	= 0		
			$\vec{u} \in r$							
		-'. n	ell CA)	<i>\</i> 'S S	cubspac	e.				
			Ī-2 Δ	<u>—</u> І	1 -7	7				
	e	.g. A=		_ 2	3 -1	, c	ollA).	row (A)	. mell (A)	
			·		8 -4	4				
		O rou	redu	ction		T -2	6 -1	1 -77		
		- <u>}</u>	6 - 1 1 -2 2 3	-7 3 -1 1	12+11>	0	0 5	1 -7 10 -10 2 -2		
		L2 -	458	-4]		0	0	2 -2]	7	
				<u> </u>	3-12>	-3	7 0	1 -7		
						6	0 0	ل و ه		



