A ^m	ረበ											
No (A) =	ج =	Χe	\mathbb{R}^n	: /	Δx :	= 0	کے				
		= {							Дх	(=)	٠ كړ	
								7				

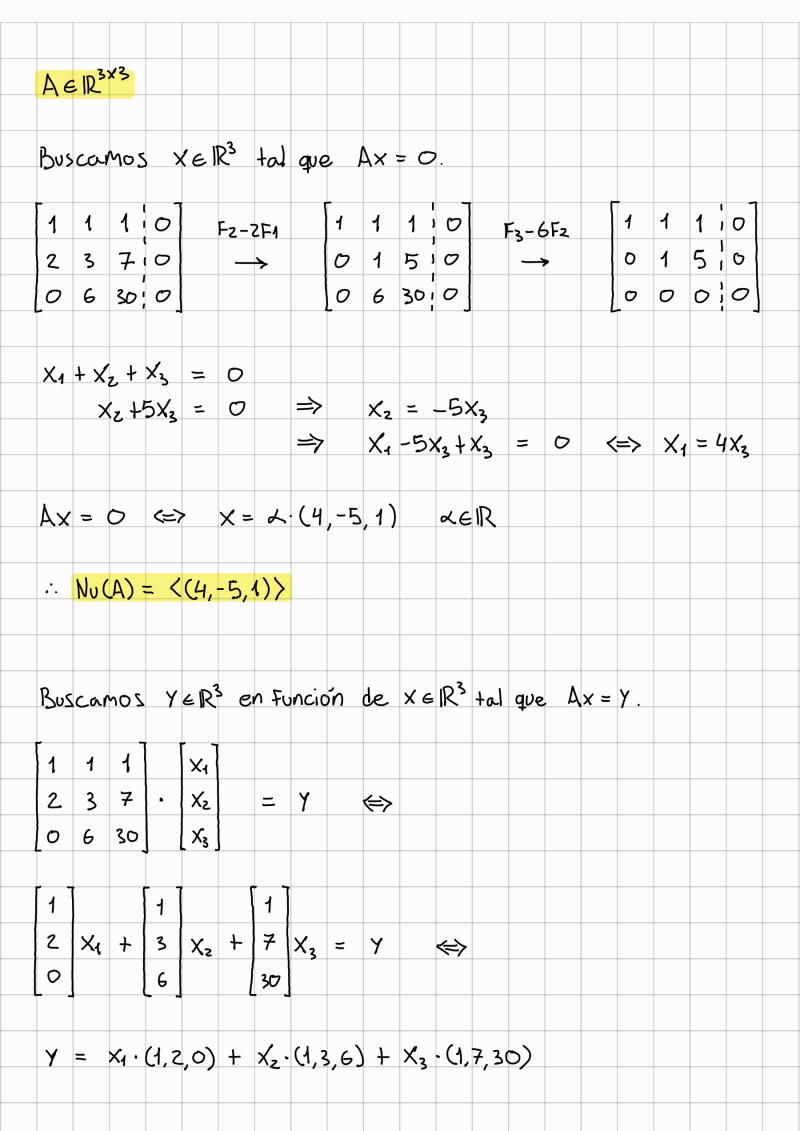
Buscanos x e R3 tal que Ax = 0

A & IR 4x3

 $X_1 = X_2 = X_3 = 0$

$$Ax = O \iff X = O : Nu(A) = \{O\}$$

Bus	.CO	Mo S	У	e IR	4 6	en F	unc	ión	de	X	e IR	5 to	J 0	ue	A :	< =	Υ.	
1	Z	3		 X4							X1 +	-ZX	z + 1	3X3	}			
2	1	2		X ₁ X ₂ X ₃		=	Y		⇔		ZX1	+ ×2	2 + 2	X ₃		=	Y	(= >
1	3	4		X ₃							X1 +	- 3X	z + ^L	1X3				
0	O	1									_	X	3					
1	•		2	1 1 1 1 1 1 1 1 1 1		3												
2	X	+	1	Xz	+	2	Χz		=	y		(= >						
1			3			4				•								
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У	= x	(₄ · (1,2,	1,0) -	- X ₂	.(2	2,1,3	,0)	+	X _Z .((3,2	,4,	1)				
	Ιm	(A)	= <	(1,2	2,1,0	, לכ	(2,	1,3,	0)	, (3,	2,4	,1)	>					
Nu(A) -	- { C) }	<=>	#	col	s(A	.) L	I	\Rightarrow		Ran	go .	1(4	() =	3		
														OI.				
Rai	J601	Fila (A) :	= 3	•	zue:	s Fi	ilas	1,2	γ :	3 s	on l	Į					
Lim	(No	(4)) =	0														
) =															
,			,															
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Vec	uМо	2	Si	esc	20	3 1	/ec	юГе	2,	Son	LJ								
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1	7	30 ;	0			>		0	5	301	0			→	0		0 !		
No (erw	n LI		Pero	, (1,2,	ه) (y (1	,3,6	5)	کا	Son	LI	<u>.</u>					
••	In	1(A)) =	< (:	1,2,	0),	(1,3	6,6	>										
		(A) (A)																	
n	=	1+	2 :	= 3															