Page No. 2 Date :

1 - Tormitt

Date.					
As we have converted the given matrix in LU format, using					
Doolittle method,					
TOURD F. MORROW,					
its known that in Doolottle method matrix 'L' turns out to					
be the Matrix of multipliers					
A list to see a list, is deciment been interested to					
$= m_{21} = a$ $m_{31} = b$ $m_{32} = b/a$					
multiplier mor depends on 'a' as if a=0 then more =0					
$= \alpha \neq 0$					
Thus, 'a' can be any real number other than zero and					
b' can be any real number					
The state of the s					
find the diamention of the vector space spanned by the vector $\{[1,1,-2,0,1],[1,2,0,-4,1],[0,1,3,-3,2],[2,3,0,-2,0]\}$ and find the basis of vector					
					and fine is as a second
					given vectors can be Refresented in matrix format.
[1 1 -2 0 1]					
A= 120-41					
0 1 •3 -3 2					
2 3 0 -2 0 11 (0) 3 9					
Now Applying the elementory Row transformation					
$R_2 \rightarrow R_2 - R_1  d  R_4 \rightarrow R_4 - 2R_1$					
12/12-11/4					
선물이 사용하는 그리고 가는 전혀 있다. 이 경기를 하는 것이 되었다. 그런 그를 하는 것이 되었다. 그리고 그를 하는 것이 없는 것이 없었다. 그는 사람들이 없는 것이 없는 것이 없는 것이 없다.					
(1 1 -2 0 1)					

		1	- 2_	0	)
_	O	1	+2	-4	0
	0		3	-3	2
	0	91	4	-2	-2

		Date:				
	R3-R3-R2 R4-R2					
	1/3 / //3 //2 //4	14				
	1 1 -2 0 1					
	= 0 1 2 -4 0					
	0 0 1 1 2					
	0 0 2 2 -2	indicate the same was about				
		, in the second				
	$R_4 \rightarrow R_4 - 2R_3$					
•	14 3					
	(1 1 -2 0 -1	All something				
	= 0 1 2 -4 0					
	On Only of the medial day ?	malities of times its it so				
	0 0 0 0 -6					
	a en light when solution					
	Here we have 4 linerty indefendent vectors, so these 4 vectos will					
	Span the vector space of A.					
	Parameter					
	Thus, the basis are S[1,1,-2,0	,1], [0,1,2,-4,0], [0,0,1,1,2],				
	[0,0,0,0,-6]}					
18 27						
	Diamention of vector space is 4					
	man ye	. magnif eldely-land of				
92 111)	Suppose that A is a matrix such that the complete solution to $A_{\infty} = 1$					
	is of the form $0 + C = 1 + C = R$					
	interior & had been found that the same and					
	a) What can be said about the column's of matrix A					
	b) find the diamention of null space and rank of motive A					
	S in Anna					
a)	from eqn Ax = 9 We can say that					
⇒ ′						
	A x x = 4 As for matrix multiplication					
	4xm I rows of A should moth with column of x					