

in) Eursy supersul of & s whese separations of fur addition for sold falls by the Esta is all Tsur Falls	ORIHOGONAL: VECTORS Have 90° angle blu them 19. U: [2] 1. U: [3] 1. U: 6-3+8: 11
a) but significations is to the surface set of six to Then every falls.	ass ORTHOGONAL We say that both of these vectors
dust is up. false.	Eg. U: 1 V= 6 U & v ax othogonal
in the A set of a necles from 18 m is 10	U.V.O
1R2 me ags [[0][1][0][0]	6 + 2K -24 + 8 = 0 2K = 10
- DOT PRODUCT AND INNER PRODUCT	A VECTOR LESA
ut us consider 2 neeter us v	* \
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ellement in a columna is a.	
A all elements alrow & below pivot	# # #
000	10 -3 -6 4 9
In reduced schelen form every pivot	5 10 -15 -
	4 -6
* Reduced Schelon form is unique	1 (26-6-25 7)
	$P_2 \rightarrow R_1 + R_1 K_3 \rightarrow K_3 + 2K_{31}$
-41	though duning
0 0 0 0	6
2000	7 2 7 3
0 - q	-1 2
The state of the s	
0 0 0 0	$R_1 \longleftrightarrow R_4$
2.000	V, EIR
2 - 6	4-6-9 4
1 5 - 9 - 9 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	1
R3 -> K3 + (3) K2	7
	-
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0 2 4 -6 6	elements all a suchus
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manager of the state of	
2 -6	bank weter 1000
2 4 -60	Called O
4	3 4
2	2.
R3 -> R3 # - \$ 5 R2	CONCETT OF THE TAIL MAN
chary.	13 NI 01/ [7 30 Lanning





