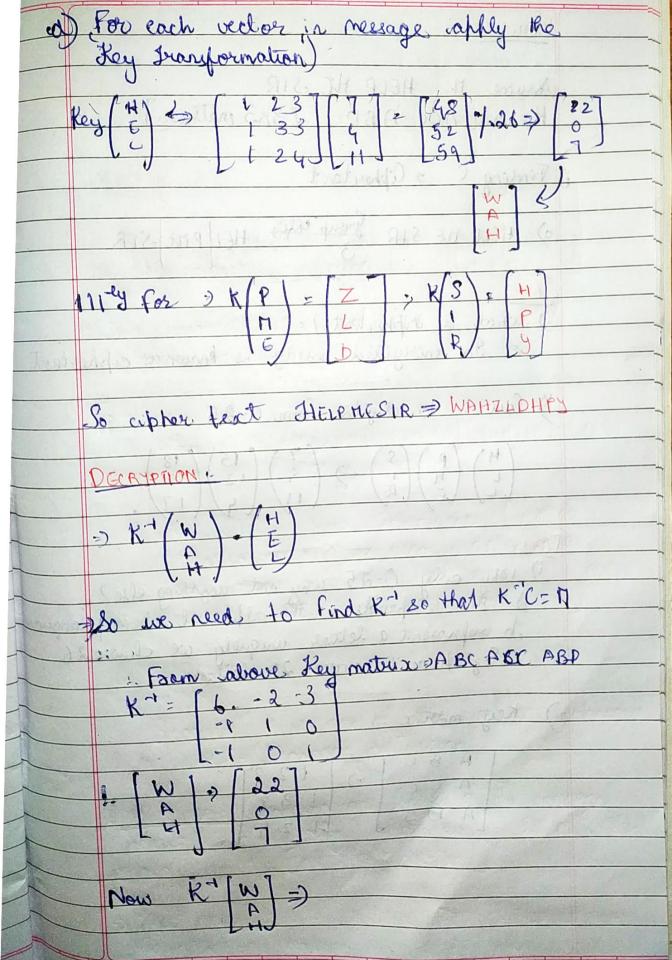
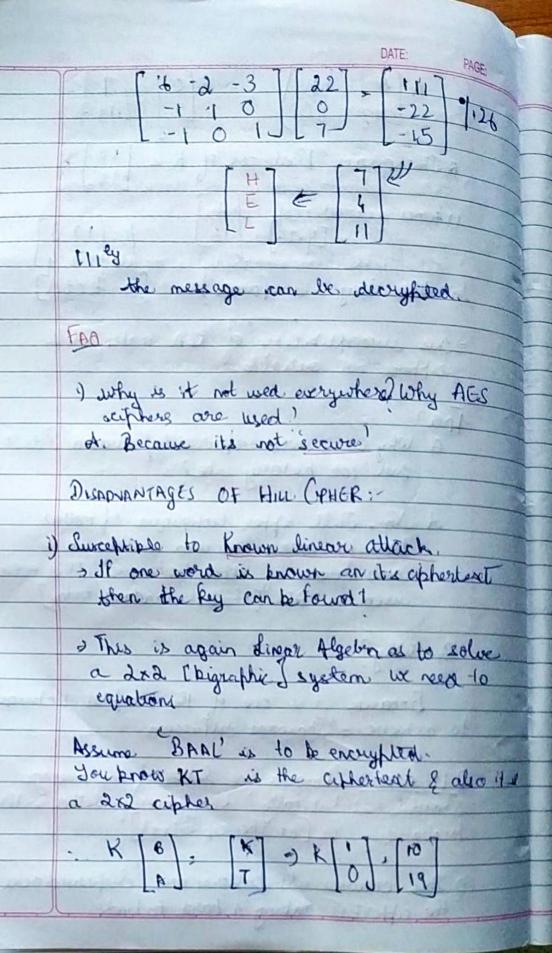
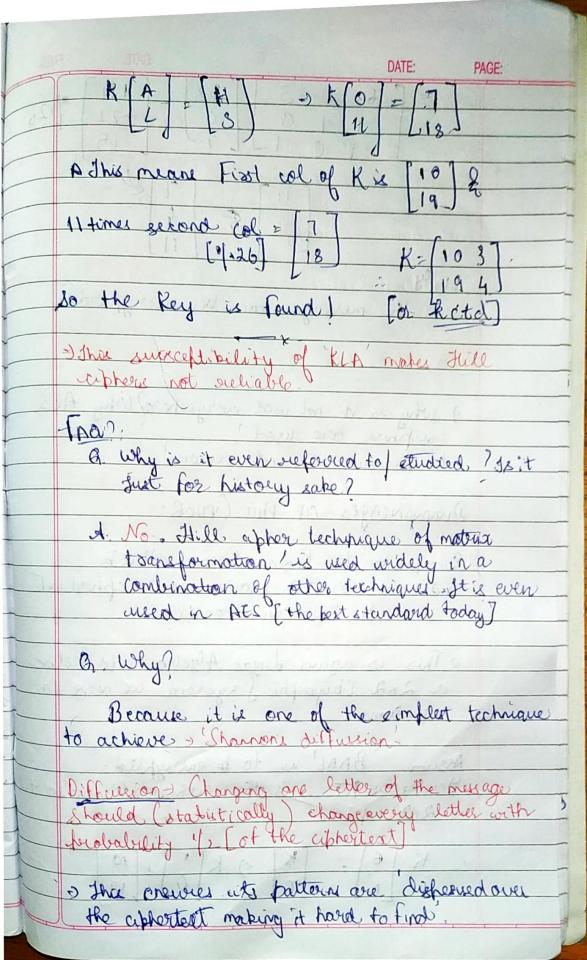


	EXAMPLES:
	Carlonia madell man
	Assume M: HELP ME SIR
₹2	K= ABC ACC ABD [3x3 matrix]
(i	Finding C > Ciphertent
	a) HELP THE SIR Group ENTO, HELPHESIR
	3
	Frais - 12 x = -7 - 73 7 6 6 9 9 9
	5 what is subscribert 7=
	5 what is expheritent ?= A: The encrypted message is known as expheritent
	b) Convert to digits from 0-25
	$\begin{pmatrix} + \\ - \\ - \\ - \end{pmatrix} \begin{pmatrix} p \\ - \\ - \\ - \end{pmatrix} \begin{pmatrix} S \\ - \\ - \\ - \end{pmatrix} \begin{pmatrix} 7 \\ 4 \\ - \\ - \\ - \end{pmatrix} \begin{pmatrix} 15 \\ 8 \\ 17 \\ - \\ - \end{pmatrix}$
	(L/E/R/ 11/4/17)
	FAGS: - X
	I) why only 0-25 why not anything else? I she defends on the alphabet scheme larguer
	d. The acherds on the alphabet scheme langue
	To represent a letter uniquely we choosed
	in English as there are 26 letters
	c) Key motion -s
	ABC 7 7237
-	ACC 133
-	[ABD] [124]







	DAIL. PAGE:
1	Diffusion in action:
	desume M= ACT; Key = 6,38 NaK UKP
	16 24 1 10 \ (15) (-1.26)
	(6 24 1 0 15 (4.26) 13 16 10 2 = (14 (4.26) 20 17 15 (19) (19) 02 ACT => POH
	Commence of the control of the contr
	Now say H= CAT
	R(C): (5) (1.26) or
	R(C): (5) (1.26) or CAT > FIN
	A Every letter has changed
	FAAR
	a How?
	A: Again + matrix multiplication Since y: Ax;
	er y, x, A:, +x, A:, 1x, A;
	92 x or y depends on x.
	The morise multiplication ensures that if
	I Xi is altered a whole column of the ith colourn after AXI [Jf x i where is
	orme rese compile then the whole first plan
	is altered ofter Ajs X.

A shie guarantees high diffussion

BIBLIGGRAPHY: Hill apper-Wikipedia The Cipher based remote data possesion checking is cloud storage - Wiley danxing Olen - Gongde Guo, et.al -American Mathematical Monthly - 1929 powery letter has changed would died and and rusph. Askrift XT JA JA JA JA X SURPLANT SO AS SE What Driver wortherd the xing sile The west of the property