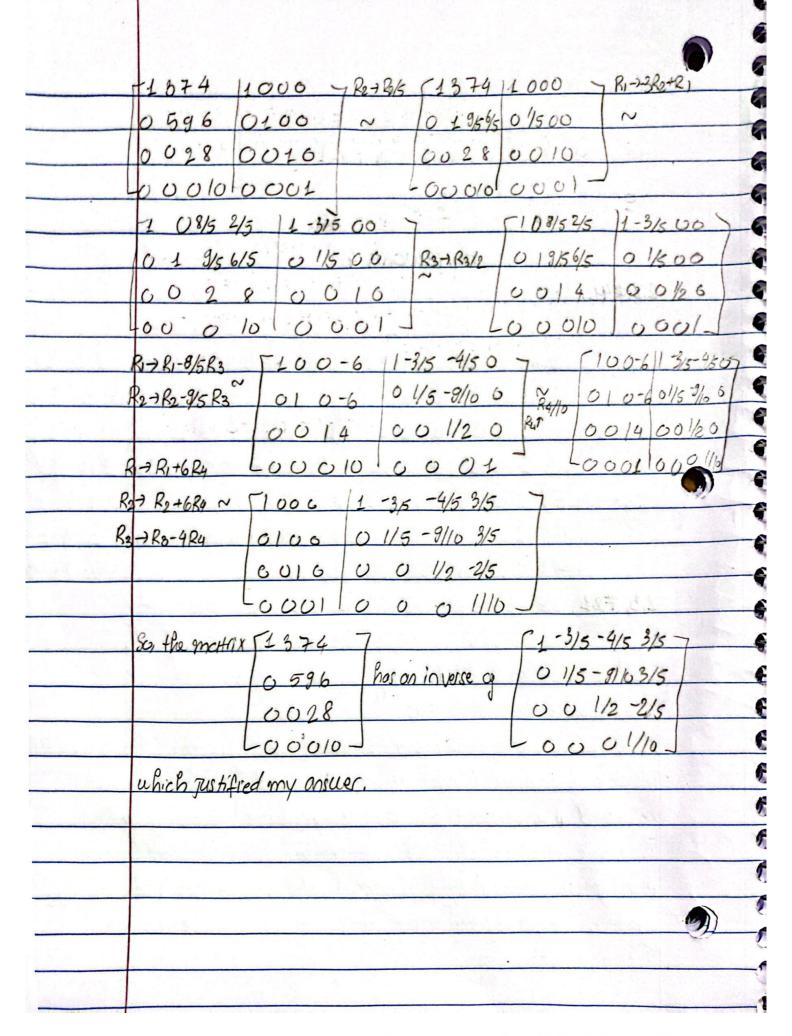
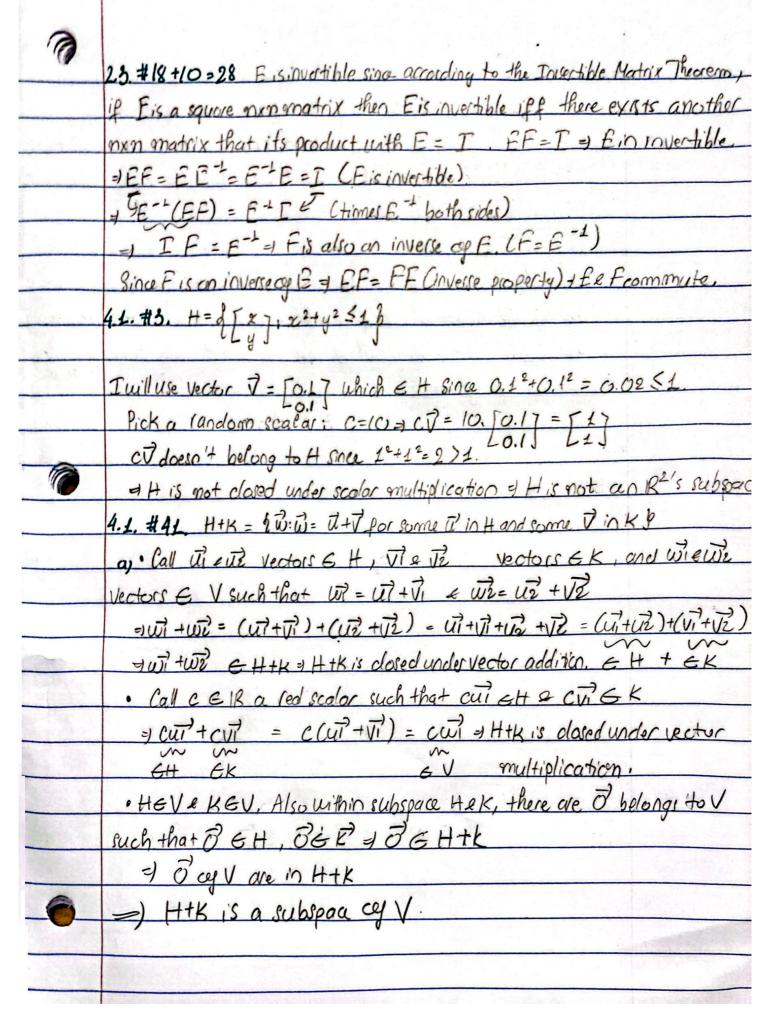
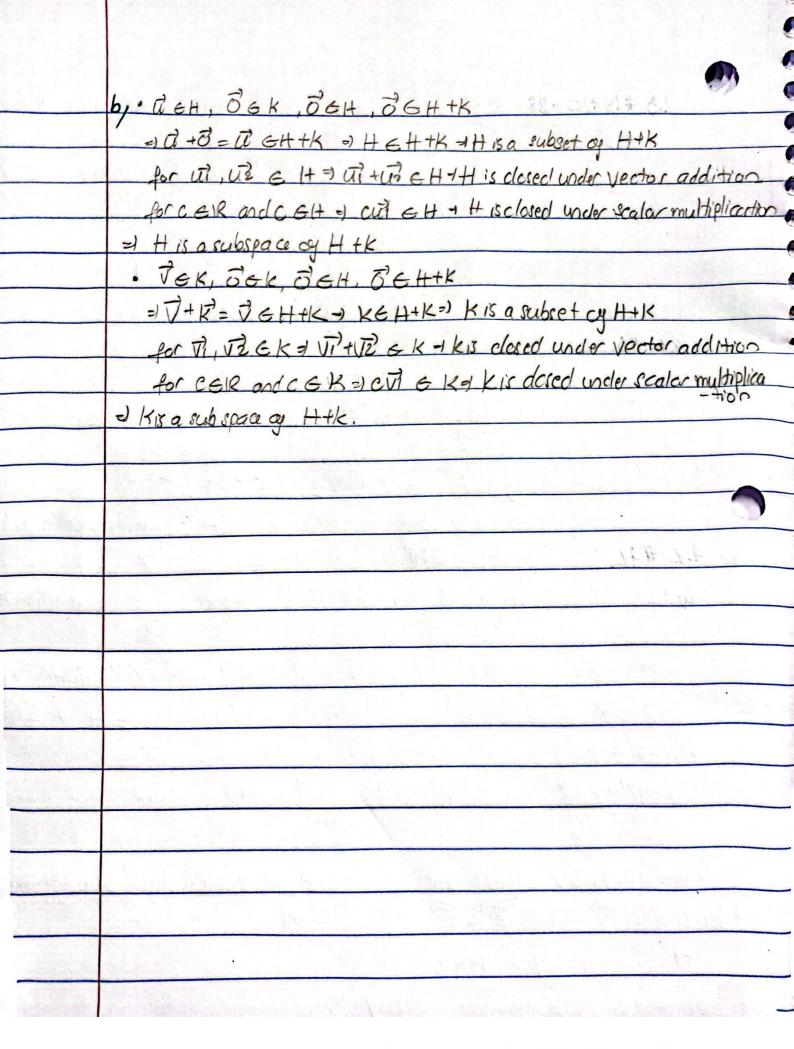
3	Hence to the
)	HOMEWORK 4
	2.2 #41. [10-2 100]
198	-3 1 4 0 1 0 R215R11R2 01-2 310
	12 3 4 0 0 1 R3 + 281-R3 - 0-3-8 20-L
	T10-2/100 7 7100/83/9
	R3+3R2-R3 01-2 310 R2+R3+R2 01011
	LO02 7 3 1 J RI + R3+R1 LO02 7 3 1)
	20-12/2 [1:00 831 7 F831-
100	~ 01091 > The inverse matrix is: 1041
	LOO 1 7/23/21/2
	2.3 #21. Matrix like exercises: (OIL C/2 Q/3 Q/4)
	A row echelon? O are are are
	· The first condition for this C a a a a a a a a a a a a a a a a a a
	matrix to be invertible is that LOOO aug
	the # of rows = # of columns & Asquere (nxn) matrix. (this one satisfy)
	· The second condition is that this matrix has to have on # cy prot
	position (# pivot position = # og rows/columns) according to the
	Invertible Matrix Theorem. The matrix above has 4 rous/columns &
	4 pivot positions along the diagonal, therefore it is an invertible
•	
	matrix. To justify my answer, let's find the invertible matrix
	from problem 8:







reached on Example. I have also figured and the correct way todo each problem on that example ben Phan