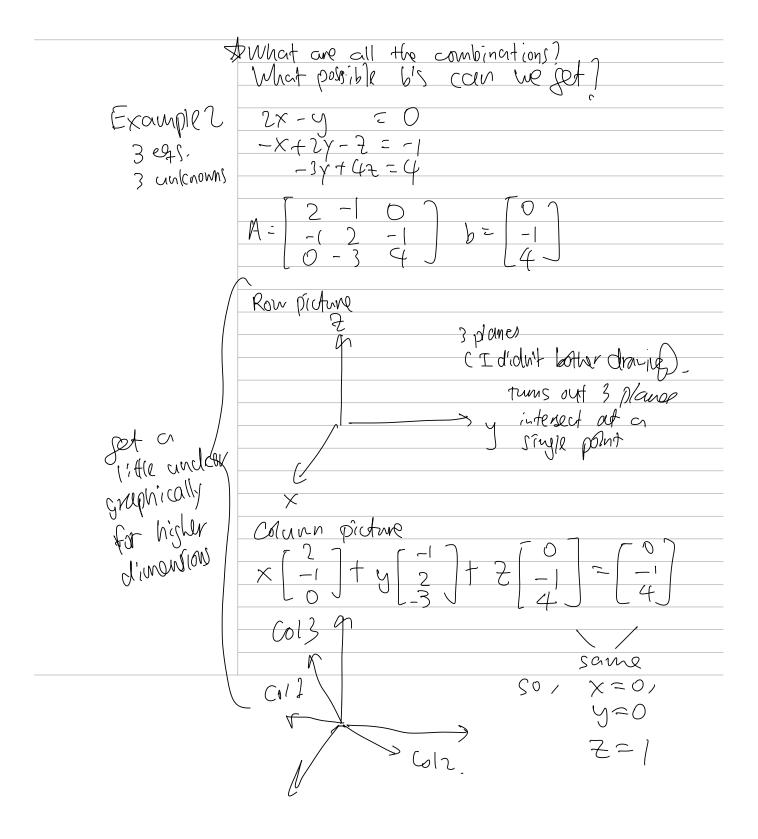
Linear Algebra fundamental problem 1 The Geometry of linear equations l'uear algebra =) solve m equertions and n muchumns for now, n egs and n unknowns Example 1 picture 2x-y=0 -x+2y=0 VOW picture tineer continuation of columns col



	7 1 1
	Again, can I solve Ax=h For every b?
	0.1
	i.e., do the linear combination
	of coleumns of A fill th?
	For this A, the answer is yes.
A	How could it so wron?
page is singular mat not invertible	e.s.; 2, columns lie in the same plane
no solution for every b	
	Ax is a linear combination of
	the columns of A.
	Next time: Systementh way,
	Next time: Systemath way, using climination, to that the solutions)
	if any to a system of any site
	and find out if elian falls,
	Mon there isu't a solution.