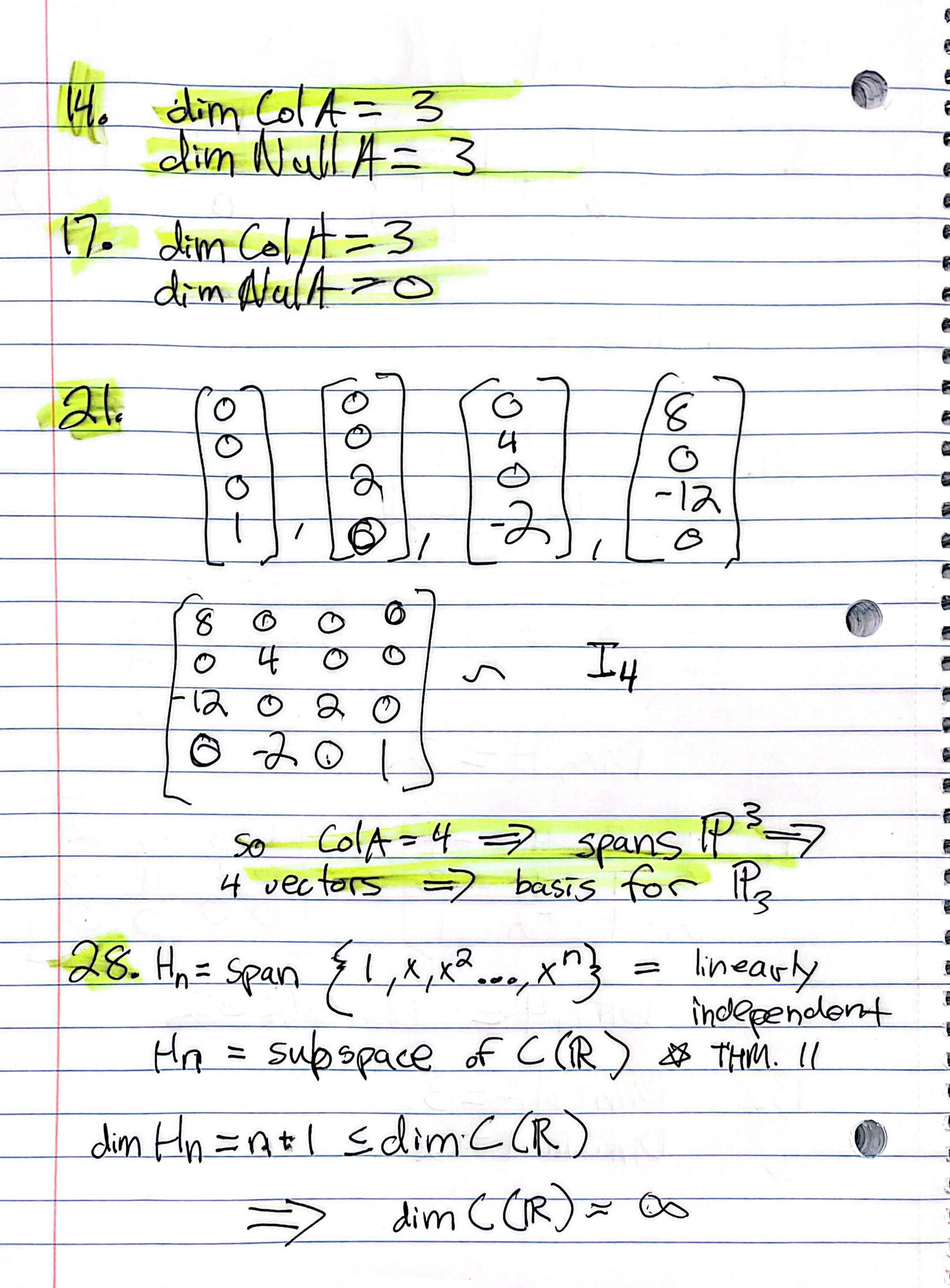
4.5 HOMEWORK 1/06/2023

1. a. 
$$s[1] + [-2] = [0] = [-2] = [0] = [-2] = [0] = [-2] = [0] = [-2] = [0] = [-2] = [0] = [-2] = [0] = [-2] = [0] = [$$

13. Dim Col 
$$A = 3$$
Dim Nul  $A = 2$ 



less than I remove appendent vector b. True if sof spans V then V-P but will brinke set depondent a. False, can't equal p-thependent b. True, needs more vectors to span a. False, c. False, ex. dem v=3 => {u, v2, v3} = B set of 3-1=2 vectors {u, 2v3} = dependent 4.5 S.T. dim/= number of vectors of basis for V