(3/M #57
EX) 4.3
1) A)
$$W = K_1(0,2,2) + k_2(1,3,-1) = (K_2, -1K_1+3k_2, 2K_1-K_2)$$

 $K_2 = 2$
 $2K_1+3K_2=2$ $\Rightarrow A_2=b \Rightarrow \begin{bmatrix} 0 & 1 \\ -2 & 3 \\ 2-1 \end{bmatrix} \begin{bmatrix} k_1 \\ k_2 \end{bmatrix} = \begin{bmatrix} 2 \\ 2 \\ 1 \end{bmatrix} \underbrace{K=2}_{1}$
 $2K_1-K_2=2$
(2,2,2) $\neq 1$ inex combinations of C_1 .

 $-(x_1, x_2, x_3) = (2, 0, 1)$