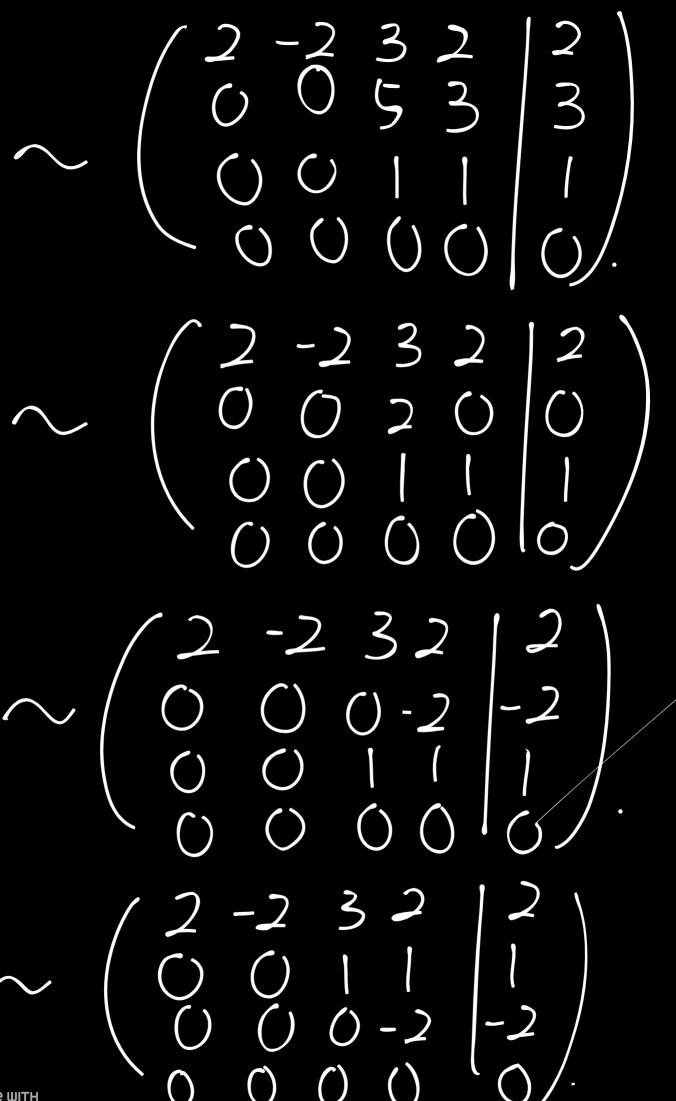
Z Made with

3.5b). 
$$\begin{pmatrix} 2 & -2 & 3 & 2 & 2 \\ 0 & 6 & -6 & -1 & 0 & 0 \\ 6 & -6 & 9 & 6 & 0 & 2 \\ 6 & -6 & 9 & 6 & 6 & 2 \\ 6 & -6 & 9 & 6 & 0 & 6 \\ 6 & -6 & 9 & 6 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7 & -6 & 9 & 6 \\ 7$$



**Z** made with ziteboard

$$P3.6a$$
).

 $(2 | -1 | 0)$ 
 $(4 | 2 - 2 | 0)$ .

 $P3 - 7 | P3 - 2 |$ 

2.5 R1-72/1/2 2 14.2 [22-7/23-R1/ 043 23-7/25-= R2/ 043  $\bigcirc\bigcirc\bigcirc$ 

X1+=1x3=5. 4x2+3x3=-5. = x3 = \frac{1}{4} ス<u>ょこ</u>5. エニューシャ、イスニーニーューラ(5) - 12 - 12 - 13  $\begin{cases} \begin{pmatrix} 0 \\ -\frac{2}{5} \end{pmatrix}, \end{cases}$ 

3.6(). 
$$\begin{pmatrix} 1 & 1 & 2 & 12 \\ 4 & -2 & -4 & 3 \end{pmatrix}$$
.  
 $R_{2} \rightarrow R_{2} \cdot 4R_{1}$   $\begin{pmatrix} 1 & 1 & 2 & 12 \\ 0 & -6 & -12 & -3 \\ 3 & -3 & -6 & 3 \end{pmatrix}$ .  
 $R_{3} \rightarrow R_{3} \rightarrow 3R_{1}$   $\begin{pmatrix} 1 & 1 & 2 & 12 \\ 0 & -6 & -12 & -3 \\ 0 & -6 & -12 & -3 \end{pmatrix}$ .  
 $\begin{pmatrix} 1 & 1 & 2 & 12 \\ 0 & -6 & -12 & -3 \\ 0 & 0 & 0 & 0 \end{pmatrix}$ .  
 $X_{1} + X_{2} + 2X_{3} = 2$ .  
 $-6X_{2} = -3 + 12X_{3}$ .  
 $Let X_{3} = 8$ .

$$3(x) = \frac{1}{3} - 2s.$$

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P3.7) AER 5x5.

A = 5 has infinite

Solution.

rankof4

P3.8). AB(D = AD.

$$(D = B'A'AD)$$

$$= B'DD'$$

$$= B'DD'$$