Assignment 3

$$= (3+3)^2 (3-5)=0$$

$$\begin{bmatrix} 2 & 2 & -3 \\ 2 & 4 & -6 \\ -1 & -2 & 3 \end{bmatrix} \begin{bmatrix} 7 \\ 7 \\ 2 \end{bmatrix} = 0$$

$$n + 2y - 3z = 0$$
 $2n + 4y - 6z = 0$
 $n = k$
 $-n - 2y + 3z = 0$

$$\begin{cases} -7 & 2 & -3 \\ 2 & -4 & -6 \\ -1 & -2 & -5 \end{cases} = \begin{cases} 7 \\ 2 & -4 \\ -6 & -1 \end{cases}$$

$$-7x + 2y - 3z = 0$$

$$-2x - 4y - 6z = 0$$

$$-2x - 4y - 6z = 0$$

$$-2x - 4y - 6z = 0$$

$$-2x - 4y - 10z = 0$$

$$-2x - 4y - 10z = 0$$

$$-3x - 4y + 10z = 0$$

For
$$\lambda = 1$$

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