ASTE 404

Quiz 3

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$$\frac{\mathcal{P}_{1}}{-2X_{1}} \times X_{1} = X_{0}$$

$$-2X_{1} + X_{1} = 14$$

$$\times_{1} = 0$$

$$\times_{1} - X_{2} - Y_{3} = 0$$

$$\times_{1} - X_{1} + Y_{1} + 0Y_{3} = 0$$

$$\times_{2} = 0$$

$$0X_{1} + X_{2} + 0Y_{3} = 0$$

$$= \begin{cases} \begin{bmatrix} 1 & -1 & -1 \\ 1 & -2 & 0 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ y_3 \end{bmatrix} = \begin{bmatrix} 0 \\ 14 \\ 0 \end{bmatrix}$$