$$= \begin{bmatrix} -7.05 & .8 & .-1 & -2 \\ -2 & -20.05 & -2 & -4 \\ 0 & 10 & -6.05 & -10 \\ 1 & -13 & -14 & -24.05 \end{bmatrix}$$

1 at use equation 3.

$$10x_2 - 6.05x_3 - 10x_4 = 0 = 0 x_2 = 0.605x_3 + x_4$$

| els Ruplace or in equation 1
 $-7.05x_1 + 8(0.605x_3 + x_4) - x_3 - 2x_4 = 0$

$$-7.05x_1 + 4.89x_3 + 8x_4 - x_3 - 4.24 = 0$$

$$-7.05x_1 + 3.89x_3 + 6.24 = 0$$

$$x_1 - \frac{3.84x_3 + 6x_4}{7.05}$$