$$0.3x - 0.29 + 102 = 71.4$$

$$3x = 7.85 + 0.19 + 0.2z$$

$$x = \frac{7.85}{3} + \frac{0.19}{3} + \frac{0.2z}{3}$$

$$7y = -19.3 - 0.1(\frac{7.85}{3} + \frac{0.19}{3} + \frac{0.2z}{3}) + 0.3z$$

$$7y = -19.3 - 0.26 - 0.003y - 0.006z + 0.3z$$

$$=-19.3-0.1(\frac{7.85}{3}+\frac{0.13}{3}$$

$$7y = -19.3 - 0.26 - 0.003y$$

 $7y = -19.56 - 0.003y + 0.294z$

$$79 = -19.56 = 0.0039 + 0.2942$$
 $7.0039 = -19.56 + 0.2942$

$$y = -\frac{19.56}{7.003} + \frac{0.2942}{7.003} \Rightarrow y = -2.79 + 0.042$$

$$x = \frac{7.85}{3} + 0.1(-2.79 + 0.042z) + \frac{0.2z}{3}$$

$$x = \frac{7.85}{3} + \frac{0.1(-2.14+0.01-2)}{3}$$

 $x = 2.61 + 0.0916z + 0.066z \Rightarrow x = 2.61 - 0.0256z$

$$10_2 = 71.4 - 0.3(2.61 - 0.0256z) + 0.2(-2.79 + 0.042z)$$

$$102 = 71.4 - 0.3(2.61 - 0.02562) + 0.12(2.71.4 - 1.32462)$$

$$2=71.4 = 7/52 = 6.3048$$

$$y=-2.79+0.042(6.3048) \Rightarrow x=2.448$$

$$\frac{0.1}{3} = 0.033(3 - 0.1 - 0.2 - 7.85)$$

$$\frac{0.1}{0.1} = 0.033(3 - 0.1 - 0.2 - 7.85)$$

$$\frac{0.1}{0.1} = 0.033(3 - 0.1 - 0.2 - 7.85)$$

$$\frac{0.3}{0.1} = 0.1(3) = 0.1 - 12.7.85$$

$$\frac{0.3}{0.3} = 0.1(3) = 0.1 - 12.7.85$$

$$\frac{0.3}{0.3} = 0.2 = 0.11.41$$

$$\frac{0.3}{0.3} = 0.01 - 0.02(1.785)$$

$$\frac{0.3}{0.01} = 0.027(0 - 0.293 - 19.559)$$

$$\begin{bmatrix} 3 & -0.1 & -0.2 \\ 0 & 6.999 & -.293 \\ 0 & 0 & 10.02 \end{bmatrix} \begin{bmatrix} x \\ y \\ 2 \end{bmatrix} = \begin{bmatrix} 7.85 \\ -21.89 \\ 63.997 \end{bmatrix}$$

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$$\begin{bmatrix} 3 & -0. & | & -0.2 \\ 0 & 6.900 & -.293 \\ 0 & 0 & 10.02 \end{bmatrix} \begin{bmatrix} y & -1 & | & -21.89 \\ Z & & & -21.89 \end{bmatrix}$$

$$10.02 = 63.55 \Rightarrow Z = 63.497 = Z = 6.22 + 10.02$$

=-21.89 + y=-21.89 + .293z + y=-2.862

6.9994 - ,293 Z = -21.89 - 7 3 = 6.909	
3x -0.1g -0.2z =7.85 +0.1g +0.2z +x= 2.9490	