

MATH 409 SESSION #24

Example 1: Find the point of intersection of the two lines

$$\begin{bmatrix} 2 & -3 & 6 \end{bmatrix} \begin{bmatrix} x \\ y \\ 1 \end{bmatrix} = 0 \quad \text{and} \quad \begin{bmatrix} 1 & 3 & -15 \end{bmatrix} \begin{bmatrix} x \\ y \\ 1 \end{bmatrix} = 0$$

Example 2: Find the point of intersection of the two lines of Example 1 by the method of Theorem 4.1.3.