Linear Algabra System A Linear equations

$$a_1 x_1 + a_2 x_2 + a_1 x_2 + a_4 x_4 = d_1$$

$$b_1 x_1 + b_2 x_2 + b_3 x_3 + b_4 x_4 = d_2$$

$$\begin{cases} x_1 + b_2 x_2 + b_3 x_3 + b_4 x_4 = d_1 \\ x_1 + b_2 x_2 + b_3 x_3 + b_4 x_4 = d_1 \end{cases}$$

$$2x - 3y + 27 = 6$$

$$2x - 3y + 27 = 14$$

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

$$3 - 3 - 67$$

$$A = \begin{bmatrix} 2 \\ -3 \end{bmatrix} - 1 - 2$$

$$R_{1} = R_{1} - 2R_{1} \qquad [0 - 7 - 42]$$

$$R_{3} = R_{3} - 3R_{1} \qquad [0 - 5] - 10 - 20$$

$$R_{3} = R_{3} - 3R_{1} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{3} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

$$R_{7} = 7R_{7} + R_{7} \qquad [0 - 7 - 42]$$

213 _3 _3 _6 0 -12 -11 _11X4 --11 R3 = 3R, +5R2 $R_{4} = R_{4} - R_{7} + \frac{1}{0} + \frac{2}{3} - \frac{1}{3} - \frac{3}{3} - \frac{6}{3} + \frac{1}{3} +$ 2 6-3-3-6 (6) 0 -3 -9 11 (6) 0 (-1)-7 0 00-3-9 00000 Ry = 3Ry-R3

0