Outline

x_1 x_2 and x_3

1. m n

2.

3.

4.

5. back substitution

6.

7. *Gaussian elimination* equivalent

8. *Gaussian-Jordan reduction* equivalent

9.
$$ax = b \qquad AX = B. \quad x = a^{-1}b \text{ for } a \qquad X = A^{-1}B \text{ if } A^{-1}$$

Homework (due 020321)

1. x_1 x_2 x_3

Learning Guide and Announcement

1. x_1 x_2 x_3 x_5

2.

3.

• ~} /