

Matrix Operations and their Properties

1. Today:

- (a) Warm-up
- (b) 1.3 Properties of Matrix operations
- (c) 1.4 Equivalent systems and row operations (Understand what equivalent systems are and how elementary row operations preserve equivalence.)

2. Warm-Up

Below is the augmented matrix for a system of equations. Interpret.

$$\left[\begin{array}{ccc|c} 1 & 0 & 0 & 4 \\ 0 & 1 & 0 & -2 \\ 0 & 0 & 1 & 3 \end{array} \right]$$

3. Next time:

- (a) Sections 1.3, 1.4