

Homogeneous Systems

1. **Today:**

- (a) Warm-up
- (b) 1.6 Homogeneous systems (Understand the structure of solutions sets of homogeneous systems and their relationship to general systems.)
- (c) 1.9 Stochastic matrices (Understand the definition of a stochastic matrix and how they are used.)

2. **Where is today's material used?**

- (a) Probability and statistics
- (b) Mathematical modeling
- (c) Finance

3. **Next time:**

- (a) 2.1/2.2/2.3

4. **Warm-Up:** Discuss 1.3 Proofs