Cooper Johnston

Linear Algebra

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Chapter 0

Sets and Proofs

0.1 Sets and set operations

We will begin by exploring the concept of a set through what is sometimes called intuitive or naive set theory. A more rigorous approach, axiomatic set theory, is outside the scope of this course. For the purposes of this course, our intuitive treatment of sets will suffice.

Definition 0.1.1. A set is a well-defined collection of objects.

0.2 Proofs