Course 2

Forrest Kennedy

February 23, 2025

Contents

Lecture 1

Sunday 23 February 2025

Definition 1. 1) A set A is a **subset** of B, $A \subset B$, if $a \in A \Rightarrow a \in B$

2) Two sets are **equal**, $A = B$, if $A \subset B$ and $B \subset A$

3) A is a proper subset of B, $A \subsetneq B$, if $A \subset B$ and $A \neq B$.