

Geometry

Geometry

Welcome to the Geometry section of the Mathematics Knowledge Graph Wiki. This section covers fundamental concepts in geometry, from classical Euclidean geometry to modern differential and algebraic geometry.

Available Topics

Core Concepts

- [Metric Space](#) - Spaces with a notion of distance

Examples

- [Euclidean Space](#) - The standard example of a metric space

Domain Overview

Geometry studies shapes, sizes, relative positions of figures, and the properties of space. It ranges from the familiar Euclidean geometry to abstract spaces studied in modern mathematics.

Prerequisites

Topics in geometry often require understanding of: - Basic set theory - Linear algebra concepts - Analysis fundamentals (for differential geometry)

Navigation

Use the sidebar to browse all geometry topics, or explore the interactive visualizations to see how concepts connect.