Why

Definition

A *convex cone* is a cone which is a convex set.

PROPOSITION **1.** *The intersection of a family of convex cones is convex.*

Convex Cones

Cones

Convex Sets

Affine Sets

Set Operations

N-Dimensional Space

Intervals

Algebras

Space

Real Numbers

Operations

Rational Numbers

Functions

Integer Numbers

Relations

Cartesian Products

Set Powers

Ordered Pairs

Zero

Unordered Triples

Natural Numbers

Set Symmetric Differences

Pair Unions

Set Intersections

Set Complements

Set Unions

Pair Intersections

Empty Set

Set Differences

Unordered Pairs

Equation Solutions

Set Specification

Set Inclusion

Standardized Accounts

Accounts

Definitions

Quantified Statements

Deductions

Logical Statements

Statements

Identities

Sets

Names

Letters

Objects