Why

TODO

Definition

The *dimension* of a convex set is the dimension of its affine hull.

Convex Set Dimensions

Affine Hulls   Convex Sets

Affine Sets   Intervals

N-Dimensional Space   Set Operations

Space   Real Numbers   Algebras

Rational Numbers   Operations

Integer Numbers   Functions

Zero   Relations

Equation Solutions   Ordered Pairs   Natural Numbers   Set Symmetric Differences

Unordered Pairs   Empty Set   Set Intersections   Set Unions   Set Complements

Equations   Set Specification

Set Inclusion

Set Equality   Sentences

Identity   Sets

Objects