Why

TODO

Definition

The *sum* of two sets in a vector space is the set of points which can be expressed as the sum one vector from the first set and one vector from the second set.

Sometimes called *Minkowski sum* (true?).

Notation

Let $(V, \mathbf{F})$ be a vector space and let $M_1, M_2 \subset V$. Then the sum of M_1 and M_2 is

$$\{x_1 + x_2 \mid x_1 \in M_1, x_2 \in M_2\},$$

which we denote by $M_1 + M_2$.

Sum Sets

Vectors

Fields

N-Dimensional Space

Groups

Real Numbers

Space

Algebras

Rational Numbers

Operations

Integer Numbers

Functions

Relations

Zero

Ordered Pairs

Natural Numbers

Equation Solutions

Unordered Pairs

Set Unions

Set Intersections

Equations

Set Specification

Set Inclusion

Empty Set

Set Equality

Standardized Accounts

Identity

Accounts

Deductions

Quantified Statements

Logical Statements

Statements

Identities

Sets

Objects