Why

Definition

We define the sequence sum of a sequence of real numbers similar to a sequence of natural numbers.

Notation

Let $s = (x_1, \ldots, x_n)$ be a sequence of real numbers. We denote the sequence sum of s by

$$\sum_{i=1}^{n} x_i$$

Real Summation

Real Numbers

Natural Summation

Natural Sums

Family Operations

Rational Numbers

Algebras

Integer Numbers

Operations

Families

Functions

Relations

Zero

Equation Solutions

Natural Numbers

Ordered Pairs

Set Intersections

Set Unions

Empty Set

Unordered Pairs

Set Specification

Power Set

Set Inclusion

Sentences

Equations

Set Equality

Identity

Sets

Objects