



# Real Summation

## 1 Why

## 2 Definition

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

### 2.1 Notation

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

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