



## 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

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