



## Real Sequences

### 1 Why

The real numbers are one of the most important of our sets. Let us discuss sequences of them.

### 2 Definition

A *real sequence* is a sequence in the real numbers, or a sequence of real numbers.

### 3 Notation

A sequence of real numbers is a function  $a : \mathbf{N} \rightarrow \mathbf{R}$ .