

Math for Computing

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1 Sequences

A sequence is an ordered list of elements (numbers, objects, ect.), usually arranged according to a certain rule or pattern.

Each element in a sequence is called a term, and the position of a term in a sequence is called an index.

Examples

(2, 4, 6, 8, 10, 12) - sequence of even numbers

(1, 3, 5, 7, 9, 11) - sequence of odd numbers

Sequences can be finite or infinite.