

Year 5. Session 108 (2009-2010 school year).

Set Theory.

For most of the class, we have an entertaining talk about the intergalactic hotels with infinite amounts of rooms and customers. The talk was based on Vilenkin's book "Stories about set theory"

Terms: Set, set elements, empty set, finite set, infinite set.

Notation:

$x \in A$ - element x belongs to a set A

$x \notin A$ - element x does not belong to a set A

$A = \{x\}$ - set A consists of elements x

$B \subset A$ - set B is contained in set A

How to define a set?

- Full list
- Description using some characteristics