

List of symbols

- \mathbb{R} : the set of real numbers
- \mathbb{R}_+ : the set of nonnegative real numbers
- \mathbb{Z} : the set of integer numbers
- $\{0, 1\}^n$: is the cartesian product of n copies of the set $\{0, 1\}$
- Let $a \in \mathbb{R}$, $\lfloor a \rfloor := \max\{c \in \mathbb{Z} : c \leq a\}$
- Let $a \in \mathbb{R}$, $\lceil a \rceil := \min\{c \in \mathbb{Z} : c \geq a\}$
- $\mathbf{1}$ is a vector with all the components equal to 1
- $|U|$ is the number of elements belonging to the set U
- Let V be a set and $S \subseteq V$, define $S^c := V \setminus S$.

