

## List of Mathematical Symbols

- $\mathbb{R}$  = real numbers,  $\mathbb{Z}$  = integers,  $\mathbb{N}$ =natural numbers,  $\mathbb{Q}$  = rational numbers,  $\mathbb{P}$  = irrational numbers.
- $\subset$  = proper subset (not the whole thing)  $\subseteq$ =subset
- $\exists$  = there exists
- $\forall$  = for every
- $\in$  = element of
- $\cup$  = union (or)
- $\cap$  = intersection (and)
- s.t.= such that
- $\implies$  implies
- $\iff$  if and only if
- $\sum$  = sum
- $\setminus$  = set minus
- $\therefore$  = therefore