

Common Notation

Symbol	Meaning	Reference
\mathbb{R}	the set of real numbers	1
\in	is an element of	1.1
\mathbb{Q}	the set of rational numbers	1.1
\mathbb{Z}	the set of integers	1.1
\mathbb{N}	the set of natural numbers	1.1
$\mathbb{Z}/n\mathbb{Z}$	the set of integers modulo n	1.1
\mathbb{F}_p	the finite field of order p	1.1
\mathbb{C}	the set of complex numbers	1.2
\bar{z}	complex conjugation	1.2
$ z $	complex modulus or absolute value	1.2
\overrightarrow{AB}	vector from A to B	2.1
O	Origin	2.1
\mathbb{R}^2	The Cartesian plane	2.1
\mathbb{R}^3	Euclidean Threespace	2.1
\mathbb{R}^n	Real n -dimensional space	2.2
\mathbb{F}^n	The space of n -dimensional vectors over \mathbb{F}	2.2
V	a vector space	2.3
$\mathbf{0}$	The zero vector	2.3
\mathbf{v}, \mathbf{w}	vectors	2.3

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