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Symbols

$\{\dots\}$ 2 $\{\dots\}\dots\}$ 3 $=, \neq$ 3 \in, \notin 3 \subset 3 $\cup, \cap, \bigcup, \bigcap$ 4 N 2 J, Q 11 R 10 R^m 12 Ω 26 \emptyset 3 $0, 1$ (in R) 10 0 (in R^m) 12 $(x, y), (x_1, \dots, x_m), (x_i)$ 4 $(x^1, \dots, x^q, \dots), (x^q)$ 7 $S \times T, \prod_{i=1}^m S_i$ 4 -1 $f(Y)$ 5 $x \rightarrow f(x)$ 5 $x^a \rightarrow x^0$ 11, 12 \mathbf{C}, \mathbf{C} 4 \mathbf{A} 22 \leq, \geq 7 $\sim, <, >$ 8	\ll 9 $\leq, \geq, <, >$ (numbers) 10, (vectors) 26 \ll, \leq 26 $[a, b], [a, b], [a, -], [a, b], [a, b],]-, b]$ 9 $[x, y]$ 21 $x + y$ (numbers) 10, (vectors) 19, (sets) 20 $x \cdot y$ (numbers) 10, (vectors) 24 xy (numbers) 10, (number and vector) 20 $-x, x - y$ (numbers) 10, (vectors) 20, (sets) 20 $1/x, x/y$ 10 x^n 10 $x^{1/n}$ 11 $ x $ (number) 10, (vector) 14 $\sum_{j=1}^n x_j$ (numbers) 10, (vectors) 20, (sets) 20 sign 10 Max, Min 10 Sup, Inf 10, 11 \bar{X} 12 \hat{S} 24 C^0 25
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Names and Terms

- Above a hyperplane, 24
- Absolute value, 10
- Accumulation factor, 34
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