

Principali termini matematici in inglese

| | | | | |
|-----------------------|--|---|------------------------|---------|
| \exists | there exists | | | |
| \forall | for all | | | |
| $p \Rightarrow q$ | p implies q | if p, then q | | |
| $p \Leftrightarrow q$ | p if and only if q | p is equivalent to q | p and q are equivalent | |
| $x \in A$ | x belongs to A | x is an element (or a member) of A | | |
| $x \notin A$ | x does not belong to A | x is not an element (or a member) of A | | |
| $A \subset B$ | A is contained in B | A is a subset of B | | |
| $A \supset B$ | A contains B | B is a subset of A | | |
| $A \cap B$ | A cap B | A meet B | A intersection B | |
| $A \cup B$ | A cup B | A join B | A union B | |
| $A \setminus B$ | A minus B | the difference between A and B | | |
| $A \times B$ | A cross B | the cartesian product of A and B | | |
| $x + 1$ | x plus one | | | |
| $x - 1$ | x minus one | | | |
| xy | xy | x multiplied by y | | |
| $(x - y)(x + y)$ | x minus y, x plus y | | | |
| $\frac{x}{y}$ | x over y | | | |
| $x = 5$ | x equals 5 | x is equal to 5 | | |
| $x \neq y$ | x (is) not equal to 5 | | | |
| $x \equiv y$ | x is equivalent to (or identical with) y | | | |
| $x > y$ | x is greater than y | | | |
| $x \geq y$ | x is greater than or equal to y | | | |
| $x < y$ | x is less than y | | | |
| $x \leq y$ | x is less than or equal to y | | | |
| $0 < x < 1$ | zero is less than x is less than 1 | | | |
| $ x $ | mod x | modulus x | | |
| x^2 | x squared | x (raised) to the power 2 | | |
| x^3 | x cubed | | | |
| x^4 | x to the fourth | x to the power four | | |
| x^n | x to the nth / x to the power n | | | |
| x^{-n} | x to the (power) minus n | | | |
| \sqrt{x} | (square) root x | the square root of x | | |
| $\sqrt[3]{x}$ | cube root (of) x | | | |
| $\sqrt[4]{x}$ | fourth root (of) x | | | |
| $\sqrt[n]{x}$ | x nth root (of) x | | | |
| $(x + y)^2$ | x plus y all squared | | | |
| $n!$ | n factorial | | | |
| \hat{x} | x hat | | | |
| \bar{x} | x bar | | | |
| x_i | xi | x subscript i | x suffix i | x sub i |
| $\sum_{i=1}^n a_i$ | the sum from i equals one to n ai | the sum as i runs from 1 to n of the ai | | |

| | |
|---------------------------------------|--|
| $\ x\ $ | the norm (or modulus) of x |
| \overline{OA} | OA vector OA |
| \overline{OA} | OA the length of the segment OA |
| A^T | A transpose the transpose of A |
| A^{-1} | A inverse the inverse of A |
| $f(x)$ | fx f of x the function f of x |
| $f : S \rightarrow T$ | a function f from S to T |
| $x \mapsto y$ | x maps to y x is sent (or mapped) to y |
| $f'(x)$ | f prime x f dash x the (first) derivative of f with respect to x |
| $f''(x)$ | f double-prime x , f double-dash x, the second derivative of f with respect to x |
| $f'''(x)$ | f triple-prime x, f triple-dash x, the third derivative of f with respect to x |
| $f^{(4)}(x)$ | f four x, the fourth derivative of f with respect to x |
| $\frac{\partial f}{\partial x_1}$ | the partial (derivative) of f with respect to x1 |
| $\frac{\partial^2 f}{\partial x_1^2}$ | the second partial (derivative) of f with respect to x1 |
| \int_0^{∞} | the integral from zero to infinity |
| $\lim_{x \rightarrow 0}$ | the limit as x approaches zero |
| $\lim_{x \rightarrow 0^+}$ | the limit as x approaches zero from above |
| $\lim_{x \rightarrow 0^-}$ | the limit as x approaches zero from below |
| $\log_e y$ | log y to the base e, log to the base e of y, natural log (of) y |

Fonte

<http://www.math.helsinki.fi/engl.pdf>