

Influential Person: Leonhard Euler

by Beth Euler

Leonhard Euler



Mathematician

(Handmann)

Euler's Notations

Mathematical notation created or popularized by Euler

e	the base of the natural logarithm, a constant equal to 2.71828...
i	the "imaginary unit", equal to the square root of -1
$f(x)$	the function f as applied to the variable or argument x
Σ	sigma, the sum or total of a set of numbers
a, b, c x, y, z	a, b, c are constants, such as the sides of a triangle; x, y, z are variables or unknowns in an equation
$\sin, \cos, \tan,$ \cot, \sec, \csc	trigonometric functions for sine, cosine, tangent, cotangent, secant, cosecant
π	pi, the ratio of a circle's circumference to its diameter

