

# Numeric Functions

Numerical computations are very powerful in programming, and C++ provides a diverse range of mathematical functions.

There are two libraries for numerics in C++: the random numbers library and the mathematical functions, which C++ inherited from C.

The [random numbers library](#) consists of two parts. On one side there is the random number generator, on the other hand, the distribution of the generated random numbers. The random number generator generates a stream of numbers between a minimum and a maximum value, which the random number distribution maps onto the concrete distribution.

Because of C, C++ has a lot of [standard mathematical functions](#). For example, there are logarithmic, exponential and trigonometric functions.

In the next lesson, I will talk about Text Processing in C++.