

Numeric and Mathematical Modules

The modules described in this chapter provide numeric and math-related functions and data types. The `mod:`numbers`` module defines an abstract hierarchy of numeric types. The `mod:`math`` and `mod:`cmath`` modules contain various mathematical functions for floating-point and complex numbers. The `mod:`decimal`` module supports exact representations of decimal numbers, using arbitrary precision arithmetic.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]numeric.rst, line 8); [backlink](#)

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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]numeric.rst, line 8); [backlink](#)

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The following modules are documented in this chapter:

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```
.. toctree::

    numbers.rst
    math.rst
    cmath.rst
    decimal.rst
    fractions.rst
    random.rst
    statistics.rst
```