

This is a sample document illustrating hierarchical glossary entries.

## Chapter 1

# Greek Letters Used in Mathematics

Some information about **Greek letters**. The letter  $\pi$  (**lowercase pi**) is used to represent the ratio of a circle's circumference to its diameter. The letter  $\Sigma$  (**uppercase sigma**) is used to represent summation.

## Chapter 2

# Roman Letters Used in Mathematics

Some information about **Roman letters**. The letter **e** is the unique real number such that the derivative of the function  $e^x$  is the function itself. The letter **C** represents Euler's constant.

# Glossary

This is a contrived example to demonstrate the alttreehypergroup style.

## G

Greek letters [2](#)

**pi** Transcendental number. [2](#)

**Sigma** Used to indicate summation. [2](#)

## R

Roman letters [3](#)

**C** Euler's constant. [3](#)

**e** Unique real number such that the derivative of the function  $e^x$  is the function itself. [3](#)