Sample Document using the glossaries Package

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Abstract

This is a sample document illustrating the use of the glossaries package. In this example, a new glossary type called `notation` is defined, so that the document can have a separate glossary of terms and index of notation. The index of notation doesn't have associated numbers.

Contents

Glossary

cardinality The number of elements in the specified set. 1

set A collection of distinct objects. 1

Notation

$|\mathcal{S}|$ cardinality of $\mathcal{S}$. 1

! factorial. 2

$\mathcal{S}$ A set. 1

$\mathcal{U}$ The universal set. *1*, 2

Chapter 1

Introduction

Sets are denoted by a caligraphic font e.g. $\mathcal{S}$.
Let $\mathcal{U}$ denote the universal set.
The cardinality of a set $\mathcal{S}$ is denoted $|\mathcal{S}|$.

Chapter 2

Another Chapter

Another mention of the universal set $\mathcal{U}$.
The factorial symbol: $!$.