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, list of acronyms and index of notation.

Contents

Glossary

cardinality The number of elements in the specified set.

set A collection of distinct objects.

Acronyms

AD axiom of determinacy. 1, 2

NF new foundations. 1, 2

ZFC Zermelo-Fraenkel set theory. 1, 2

Notation

$\mathcal{S}$ A set. 1

$\emptyset$ The empty set. 1, 2

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

Chapter 1

Introduction

Sets are denoted by a calligraphic font e.g. $\mathcal{S}$.

The cardinality of a set $\mathcal{S}$ is denoted $|\mathcal{S}|$. The empty set is denoted $\emptyset$.

Here are some acronyms: new foundations (NF), Zermelo-Fraenkel set theory (ZFC) and axiom of determinacy (AD).

Chapter 2

Another Chapter

Another mention of the empty set $\emptyset$.

Here are the acronyms again: NF, ZFC and AD.