Zhiwu Li

Sample template for Springer's preferred layout.

2019 年 1 月 4 日

目录

Symbols

$\in$	$x \in S$	x is an element of set S
$\notin$	$x \notin S$	x is not an element of set S
$\subseteq$	$A \subseteq B$	A is a subset of B
$\mathbb{N}$	$\{0,1,2,\ldots\}$	Set of non-negative integers
$\mathbb{N}^+$	$\{1,2,\ldots\}$	Set of positive integers
$\mathbb{N}_k$	$\{1,2,\ldots,k\}$	Index set
$\mathbb{Z}$	$\{\ldots,-2,-1,0,1,2,\ldots\}$	Set of integers
$\mathbb{Q}$	$\{p/q \mid p \in \mathbb{Z}, q \in \mathbb{Z}, q \neq 0\}$	Set of rational numbers
$\mathbb{Q}^+$		Set of rational positive numbers
$\mathbb{R}$		Set of real numbers
$\mathbb{C}$		Set of complex numbers
$\Leftrightarrow$	$\ldots \Leftrightarrow -$	$\ldots$ if and only if $-$
$\Rightarrow$	$\ldots \Rightarrow -$	$\ldots$ implies $-$

Chapter 1
chapter format

first Paragraph

first Subparagraph

1.1 first section

1.1.1 first subsection

emphasize complete paragraphs of texts

    description

Type 1   description type 1.
Type 2   description type 2.

Problems

1.1. A given problem or Excercise is described here.

1.2. Problem Heading
(a) The first part of the problem is described here.
(b) The second part of the problem is described here.

Chapter 2
theorem/definition/proof/example

Theorem 2.1. *Theorem text goes here.*

Definition 2.1. Definition text goes here.

证明. Proof text goes here. □

Example 2.1. Examples text goes here. □

Chapter 3

equation eqnarray

3.1 equation

equations, e.g.

$$a \times b = c \; ,$$
(3.1)

multiline equations

$$a \times b = c$$
$$\mathbf{a} \cdot \mathbf{b} = \mathbf{c}$$
(3.2)

enumerate example

1. item 1.
   a. sub item a.
   b. sub item b.
2. item 2.

   itemize example

- item 1, cf. Table 3.1.
  – sub item 1.
  – sub item 2.
- item.

   For tables use

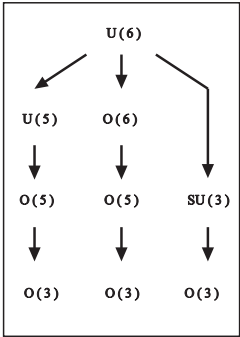表 **3.1** Please write your table caption here

Classes	Subclass	Length	Action Mechanism
Translation	mRNA^a	22 (19–25)	Translation repression, mRNA cleavage
Translation	mRNA cleavage	21	mRNA cleavage
Translation	mRNA	21–22	mRNA cleavage
Translation	mRNA	24–26	Histone and DNA Modification

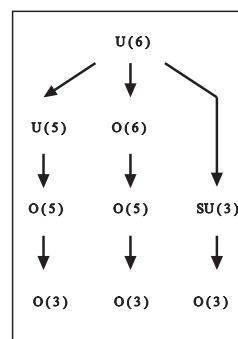^{a} Table foot note (with superscript)

3.2 figure

For figures use

图 **3.1** If the width of the figure is less than 7.8 cm use the `sidecapion` command to flush the caption on the left side of the page. If the figure is positioned at the top of the page, align the sidecaption with the top of the figure – to achieve this you simply need to use the optional argument `[t]` with the `sidecaption` command

图 3.2 Please write your figure caption here

Chapter 4
ref,cite

ref Sect. 4 , see also Fig. 3.1

ref：Table. 3.1

Run-in Heading Boldface Version Use the LaTeX automatism for all
your cross-references and citations.

Run-in Heading Italic Version Use the LaTeX automatism for all your
cross-references and citations as has already been described in Sect. 4.

引用原文– it will automatically render Springer's preferred layout.

environment.

脚注 footnote.