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# Intel Galileo: Laboratórios

Aulas Práticas Envolvendo o Intel Galileo

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Universidade de Brasília  
Brasília Distrito Federal Brasil



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# Conteúdo

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ABC	Spelled-out abbreviation and definition
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**Parte I**  
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# Capítulo 1

## Chapter Heading

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Use the standard `equation` environment to typeset your equations, e.g.

$$a \times b = c, \tag{1.1}$$

however, for multiline equations we recommend to use the `eqnarray` environment<sup>1</sup>.

$$\begin{array}{l} a \times b = c \\ \mathbf{a} \cdot \mathbf{b} = c \end{array} \quad (1.2)$$

### 1.2.1 Subsection Heading

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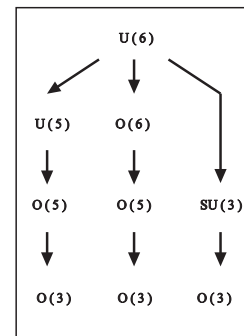
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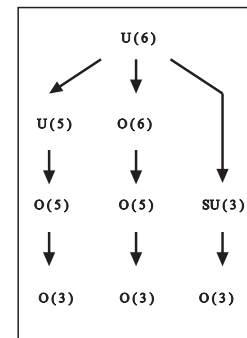
**Figura 1.1** If the width of the figure is less than 7.8 cm use the `sidecaption` command to flush the caption on the left side of the page. If the figure is positioned at the top of the page, align the sidecaption with the top of the figure – to achieve this you simply need to use the optional argument `[t]` with the `sidecaption` command



<sup>1</sup> In physics texts please activate the class option `vecphys` to depict your vectors in ***boldface-italic*** type - as is customary for a wide range of physical subjects.

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1. Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.
  - a. Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.
  - b. Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.
2. Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.

### Subparagraph Heading

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For unnumbered list we recommend to use the `itemize` environment – it will automatically render Springer’s preferred layout.

- Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development, cf. Table 1.1.
  - Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.
  - Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.
- Livelihood and survival mobility are oftentimes coutcomes of uneven socioeconomic development.

**Run-in Heading Boldface Version** Use the  $\LaTeX$  automatism for all your cross-references and citations as has already been described in Sect. 1.2.

*Run-in Heading Italic Version* Use the  $\LaTeX$  automatism for all your cross-references and citations as has already been described in Sect. 1.2.

**Tabela 1.1** Please write your table caption here

Classes	Subclass	Length	Action Mechanism	<sup>a</sup> Table foot note (with superscript)
Translation	mRNA <sup>a</sup>	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	

### 1.3 Section Heading

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If you want to list definitions or the like we recommend to use the Springer-enhanced `description` environment – it will automatically render Springer’s preferred layout.

- Type 1 That addresses central themes pertaining to migration, health, and disease. In Sect. 1.1, Wilson discusses the role of human migration in infectious disease distributions and patterns.
- Type 2 That addresses central themes pertaining to migration, health, and disease. In Sect. 1.2.1, Wilson discusses the role of human migration in infectious disease distributions and patterns.

#### 1.3.1 Subsection Heading

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If you want to emphasize complete paragraphs of texts we recommend to use the newly defined Springer class option and environment `svgraybox`. This will produce a 15 percent screened box 'behind' your text.

#### 1.3.1.1 Subsubsection Heading

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**Theorem 1.1.** *Theorem text goes here.*

**Definition 1.1.** Definition text goes here.

*Demonstração.* Proof text goes here.  $\square$

#### Paragraph Heading

Instead of simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text. Furtheron please use the  $\LaTeX$  automatism for all your cross-references and citations as has already been described in Sect. 1.2.

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**Theorem 1.2.** *Theorem text goes here.*

**Definition 1.2.** Definition text goes here.

*Demonstração.* Proof text goes here.  $\square$

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please *do not* use the `appendix` command when writing an appendix at the end of your chapter or contribution. If there is only one the appendix is designated “Appendix”, or “Appendix 1”, or “Appendix 2”, etc. if there is more than one.

$$a \times b = c \quad (1.3)$$

## Problems

**1.1.** A given problem or Exercise is described here. The problem is described here. The problem 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.

## Referências

In view of the parallel print and (chapter-wise) online publication of your book at [www.springerlink.com](http://www.springerlink.com) it has been decided that – as a general rule – references should be sorted chapter-wise and placed at the end of the individual chapters. However, upon agreement with your contact at Springer you may list your references in a single separate chapter at the end of your book. Deactivate the class option `sectrefs` and the `thebibliography` environment will be put out as a chapter of its own.

References may be *cited* in the text either by number (preferred) or by author/year.<sup>3</sup> The reference list should ideally be *sorted* in alphabetical order – even if reference numbers are used for the their citation in the text. If there are several works by the same author, the following order should be used:

1. all works by the author alone, ordered chronologically by year of publication
2. all works by the author with a coauthor, ordered alphabetically by coauthor
3. all works by the author with several coauthors, ordered chronologically by year of publication.

The *styling* of references<sup>4</sup> depends on the subject of your book:

- The *two* recommended styles for references in books on *mathematical, physical, statistical and computer sciences* are depicted in [1, 2, 3, 4, 5] and [6, 7, 8, 9, 10].
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1. Broy, M.: Software engineering — from auxiliary to key technologies. In: Broy, M., Dener, E. (eds.) *Software Pioneers*, pp. 10-13. Springer, Heidelberg (2002)
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## Apêndice A

### Chapter Heading

*All's well that ends well*

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#### A.1 Section Heading

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##### A.1.1 Subsection Heading

Instead of simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text. Furtheron please use the  $\LaTeX$  automatism for all your cross-references and citations as has already been described in Sect. A.1.

For multiline equations we recommend to use the `eqnarray` environment.

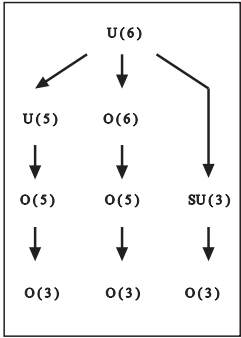
$$\begin{array}{l} \mathbf{a} \times \mathbf{b} = \mathbf{c} \\ \mathbf{a} \times \mathbf{b} = \mathbf{c} \end{array} \tag{A.1}$$

###### A.1.1.1 Subsubsection Heading

Instead of simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text. Furtheron please use the  $\LaTeX$  automatism for all your cross-references and citations as has already been described in Sect. A.1.1.

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**Figura A.1** Please write your figure caption here



**Tabela A.1** Please write your table caption here

Classes	Subclass	Length	Action Mechanism
Translation	mRNA <sup>a</sup>	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

superscript)

<sup>a</sup> Table foot note (with

# Glossary

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# **Solutions**

## **Problems of Chapter 1**

**1.1** The solution is revealed here.

### **1.2 Problem Heading**

- (a) The solution of first part is revealed here.
- (b) The solution of second part is revealed here.



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