

Chapter 4

Contribution Title

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Abstract: Each chapter should be preceded by an abstract (10–15 lines long) that summarizes the content. The abstract will appear online on Scitation and be available with unrestricted access. This allows unregistered users to read the abstract as a teaser for the complete chapter.

Keywords: A list up to 10 key words to enhance the chapter's searchability

1 Introduction

This template may be used to contribute chapters for AIP Publishing Books. Please note that this template shows only an approximation of the page layout and document elements. This is to assist you with preparing your contribution for final typesetting. For example, planning line breaks for long equations, or sizes for figure and table layouts. Do not worry too much about final figure and table placement. This will be finalized at the production typesetting phase, where you'll have the opportunity to review.

2 Section 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. Further on please use the \LaTeX automatism for all your cross-references and citations. And please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are.

3 Section Heading

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

$$a \times b = c, \tag{1}$$

however, for multiline equations we recommend to use the `align` environment from `amsmath`¹.

$$\begin{aligned} a \times b &= c \\ \mathbf{a} \cdot \mathbf{b} &= \mathbf{c}. \end{aligned} \tag{2}$$

3.1 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. Further on please use the \LaTeX automatism for all your cross-references and citations as has already been described in Sect. 2.

Please do not use quotation marks when quoting texts! Simply use the `quotation` environment.

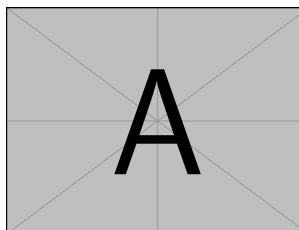
3.1.1 Subsubsection Heading

Instead of simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text. Further on

¹In physics texts, please depict your vectors in boldface-italic type – as is customary for a wide range of physical subjects.

please use the \LaTeX automatism for all your cross-references and citations as has already been described in Sect. 3.1, see also Fig. 1². Do not worry too much about figure and table placement in your manuscript. This will be finalized at the production typesetting phase.

Fig. 1 If the width of the figure is less than 7.8 cm, use the `fcapside` command to flush the caption on the left side of the page. The `aip-book` class uses the `floatrow` package; you can use its commands to set up sub-figure layouts and similar if needed.



Please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are.

Paragraph Heading

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Please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are.

For typesetting numbered lists, we recommend to use the `enumerate` environment

1. Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.
 - a. Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.

²If you copy text passages, figures, or tables from other works, you must obtain permission from the copyright holder (usually the original publisher). Please enclose the signed permission with the manuscript. The sources must be acknowledged either in the captions, as footnotes or in a separate section of the book.

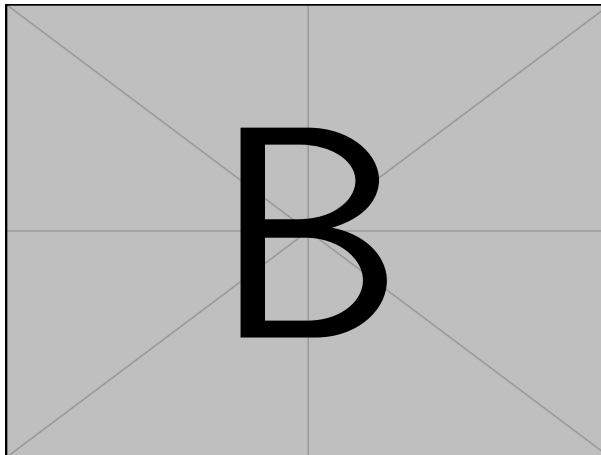


Fig. 2 If the width of the figure is greater than 7.8 cm, use the standard caption arrangement.

- b. Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.
2. Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.

Subparagraph Heading

In order to avoid simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text. Use the \LaTeX automatism for all your cross-references and citations as has already been described in Sect. 3.1, see also Fig. 2.

For unnumbered list we recommend to use the `itemize` environment:

- Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development, cf. Table 1.
- Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.

Table 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 footnote (with superscript)

- Livelihood and survival mobility are oftentimes outcomes of uneven socioeconomic development.
- Livelihood and survival mobility are oftentimes outcomes 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. 3.1.

Run-in Heading Italic Version Use the \LaTeX automatism for all your cross-references and citations as has already been described in Sect. 3.1.

4 Section Heading

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Type 1 That addresses central themes pertaining to migration, health, and

disease. In Sect. 2, 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. 3.1, Wilson discusses the role of human migration in infectious disease distributions and patterns.

4.1 Subsection Heading

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4.1.1 Subsubsection Heading

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Please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are.

Theorem 1. *Theorem text goes here.*

Definition 1. Definition text goes here.

Proof. Proof text goes here. □

Paragraph Heading

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Theorem 2. *Theorem text goes here.*

Definition 2. Definition text goes here.

Proof. Proof text goes here. □

Acknowledgements If you want to include acknowledgments of assistance and the like at the end of an individual chapter please use the `acknowledgement` environment.

Appendix

When placed at the end of a chapter or contribution (as opposed to at the end of the book), the numbering of tables, figures, and equations in the appendix section continues on from that in the main text. Hence 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.

5 References

References must be *cited* in the text by number (preferred).³ The reference list should ideally be *sorted* in numerical order.

The *styling* of references⁴ depends on the subject of your book but the citations should follow Harvard style. Here are some example citations for demonstration purposes (Feynman 1954, Birell & Davies 1982, Beutler 1994, Quinn 2001).

You may use a manual `thebibliography` environment, `BIBTEX`, or `biblatex` and `biber` to prepare your references. Your reference list and

³Make sure that all references from the list are cited in the text. Those not cited should be moved to a separate Further Reading section or chapter.

⁴Always use the standard abbreviation of a journal’s name according to the ISSN List of Title Word Abbreviations, see <http://www.issn.org/en/node/344>.

citations should follow Harvard style. References should appear as an unnumbered section at the end of your chapter.

References

- Beutler, E. (1994). *Williams Hematology*, Vol. 2, 5 edn, McGraw-Hill, New York, chapter 7, pp. 654–662.
- Birell, N. D. & Davies, P. C. W. (1982). *Quantum Fields in Curved Space*, Cambridge University Press.
- Feynman, R. P. (1954). *Phys. Rev.* **94**: 262.
- Quinn, B. (ed.) (2001). *Proceedings of the 2003 Particle Accelerator Conference, Portland, OR, 12-16 May 2005*, Wiley, New York. Albeit the conference was held in 2005, it was the 2003 conference, and the proceedings were published in 2001; go figure.