

Configuring a Book from First Principles

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Preface

This book uses `scrbook`, the KOMA-Script book class, which favours sensible defaults derived from classical page-design ratios over the fixed choices of the standard `book` class.

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1 Page Design

1.1 Why the Margins Look Different

KOMA-Script computes its page geometry from the type area and paper size rather than hardcoding margin lengths [Knuth, 1984]. This produces a different default layout from `book`, though every dimension remains adjustable via the `typearea` package that `scrbook` loads.

1.2 Headings and Chapter Marks

Table 1.1 lists the sectioning commands `scrbook` inherits, unchanged in name from the standard classes.

Command	Level
<code>\part</code>	-1
<code>\chapter</code>	0
<code>\section</code>	1

Table 1.1: Sectioning commands available in `scrbook`.

2 Fonts and Bibliography

2.1 Font Selection

`scrbook` leaves font selection to the document, so `lmodern` is loaded here explicitly rather than assumed.

2.2 Closing the Bibliography

A standard `natbib` bibliography closes out the back matter, exactly as it would under `book` [Knuth, 1984].

Bibliography

Donald E. Knuth. *The $T_E X$ book*. Addison-Wesley, Reading, MA, 1984.