

# 1 This should be the first section of your document

**\*\* Note: Please see the YAML header of this file for information about front matter and for an easy way to reformat your article for submitting to Arxiv. For further details, see ?degruyter\_article. \*\***

Your text goes here. Start with the first section or paragraph of your article. Do not set use either headers or footers and do not set any running heads or change any page numbers.

The title page along with headers and footers will be inserted by the EdiKit system. Use the “revise manuscript” link to enter this information in the EdiKit system.

Use the standard LaTeX commands to set the text of the article. The dgjournal package works with any of the standard LaTeX document classes - article, report or book. Other document classes should work but compliance with De Gruyter requirements is not assured. For more information on LaTeX, see (Lamport 1994; Mittelbach et al. 2004; Oetiker 2008). (Mittelbach et al. 2004) is highly recommended.

Use the standard LaTeX sectioning commands for your headings.

## 1.1 A second order heading

Some text under the subheading. Paragraphs that follow heads are not indented.

Math should also be set in Times. Use the mathptmx package if you do not have any of the commercially available fonts that are compatible with Times.

$$y^{(n)} = \sum_{i=0}^{n-1} a_i(x)y^{(i)} + r(x) \quad (1)$$

All environments provided by the standard LaTeX document classes are unchanged. Vertical spaces within lists have been altered to comply with De Gruyter requirements.

1. This is the first item within the list. Some more text here in order to display the alignment.
2. Another item in the list.
3. Yet another item in the list.

Here is an example of a Figure. It's the same as in standard LaTeX.

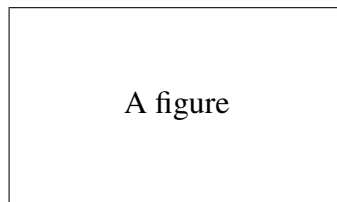


Figure 1: Insert your caption here. If you wish to label your figure for cross-referencing, use a label either within the caption or after it.

An example of a table follows. This is also the same as in standard LaTeX.

Table 1: Insert your table caption here. If you wish to label the table for cross-referencing, use a label either within the caption or after it.

Symbol	LaTeX Command	Symbol	LaTeX Command
$\alpha$	<code>\alpha</code>	$\zeta$	<code>\zeta</code>
$\beta$	<code>\beta</code>	$\eta$	<code>\eta</code>
$\gamma$	<code>\gamma</code>	$\theta$	<code>\theta</code>
$\delta$	<code>\delta</code>	$\vartheta$	<code>\vartheta</code>
$\varepsilon$	<code>\varepsilon</code>	$\iota$	<code>\iota</code>
$\varepsilon$	<code>\varepsilon</code>	$\kappa$	<code>\kappa</code>

Use the `thebibliography` environment for the references. BibTeX users may use the provided BibTeX style file `DeGruyter.bst`.

## 2 References

Lamport, Leslie. 1994. *LaTeX: A Document Preparation System: User's Guide and Reference Manual*. Second. Reading, MA, USA: Addison-Wesley.

Mittelbach, Frank, Michel Goossens, Johannes Braams, David Carlisle, Chris Rowley, Christine Detig, and Joachim Schrod. 2004. *The LaTeX Companion*. Second. Tools and Techniques for Computer Typesetting. Reading, MA, USA: Addison-Wesley.

Oetiker, Tobias. 2008. *The Not so Short Introduction to*. 4.26 ed. <http://ctan.tug.org/tex-archive/info/lshort/english/lshort.pdf>.