

# Contribution Title

Name of First Author, Name of Second Author, and Name of Third Author

**Abstract** Your paper should be preceded by an abstract that summarizes the content.

## 1 Introduction

It is recommended 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 (e.g., see Section 2 or Fig. 1). 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.

## 2 Basics

### 2.1 Equations

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

$$x + y = 3. \tag{1}$$

For multiline equations we recommend to use the `align` (`amsmath`) environment

$$\begin{aligned} x + y &= 10, \\ xy &= 21. \end{aligned} \tag{2}$$

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## 2.2 Citations

References may be *cited* in the text either by number (preferred) or by author/year.<sup>1</sup> For example, see [1].

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

## 2.3 Lists

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

1. Here starts your numbered list.
  - a. You can place a sublist under a list item.
  - b. Here is another subitem.
2. Second item of the list.

For an unnumbered list please use the `itemize` environment.

- Here starts your unnumbered list.
  - You can place a sublist under a list item.
  - Here is another subitem.
- Second item of the list.

If you want to give definitions for terms or the like please use the `description` environment:

First one    Your description is given here.

Second     Your description is given here.

## 2.4 Headings

### 2.4.1 Subsubsection Heading

Your text goes here.

Paragraph Heading

Paragraph text goes here.

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<sup>1</sup> Make sure that all references from the list are cited in the text.

**Run-in Heading Boldface Version** Here comes some text...

*Run-in Heading Italic Version* Here comes some text...

### 2.5 Floating objects

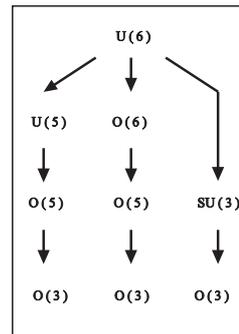
If the width of the figure is less than 7.8 cm use the `sidecaption` command to flush the caption on the left side of the page. If the figure is positioned at the top of the page, align the sidecaption with the top of the figure – to achieve this you simply need to use the optional argument [`t`] with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

See also Table 1.

## 3 Built-in environments

**Theorem 1.** *Theorem text goes here.*

**Fig. 1** Please write your figure caption here



**Table 1** Please write your table caption here

	Wed morn- ing	Wed af- ternoon	Wed night	Thu morn- ing	Thu af- ternoon	Thu night	Fri morn- ing	Fri af- ternoon	Fri night
Wind (km/h) <sup>a</sup>	N 20	NW 15	W 10	S 25	SW 30	W 25	W 20	SW 25	SW 25
Summary	clear	clear	clear	light rain	light rain	rain shwrs	some clouds	some clouds	some clouds
Rain (mm)	-	-	-	4	5	1	-	-	-
Snow (cm)	-	-	-	-	-	-	-	-	-
Max. Temp (C)	9	8	4	7	14	13	12	15	14
Min. Temp (C)	7	5	3	5	11	10	11	13	13
Wind Chill (C)	4	2	0	1	8	7	9	11	11

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

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

**Definition 1.** Definition text goes here.

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

**Acknowledgements** If you want to include acknowledgments of assistance and the like at the end of your paper please use the `acknowledgement` environment.

## Appendix

When placed at the end of a contribution, 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 contribution. If there is only one appendix it is designated “Appendix”, or if there is more than one “Appendix 1”, “Appendix 2”, etc.

## References

The reference list should ideally be *sorted* in alphabetical order – even if reference numbers are used for 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.
1. N. V. Banichuk and P. J. Neittaanmäki. *Structural optimization with uncertainties*. Solid Mechanics and Its Applications, 162. Springer, Berlin, 2010.
  2. V. S. Buslaev, S. B. Levin, P. Neittaanmäki, and T. Ojala. New approach to numerical computation of the eigenfunctions of the continuous spectrum of three-particle Schrödinger operator. I. One-dimensional particles, short-range pair potentials. *J. Phys. A: Math. Theor.*, 43(28), 2010. doi: 10.1088/1751-8113/43/28/285205.
  3. P. Neittaanmäki and S. Repin. Error indicators for elliptic problems without extra regularity assumptions. In Ph. Bouillard and P. Díez, editors, *Proceedings of the IV International Conference on Adaptive Modeling and Simulation (ADMOS 2009, Bruxelles)*, pages 149–152. CIMNE, Barcelona, 2009.
  4. P. Neittaanmäki and S. Repin. A posteriori error majorants for approximations of the evolutionary Stokes problem. *J. Numer. Math.*, 18(2):119–134, 2010.