

Springer Guidelines for Authors of Proceedings

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1 Introduction

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The volume editors, usually the program chairs, will be your main points of contact for the preparation of the volume.

2.1 Structuring Your Paper

Affiliations, Email-Addresses, and ORCIDs. The affiliated institutions, including town/city and country, are to be listed directly below the names of the authors. Multiple affiliations should be marked with superscript Arabic numbers, and they should each start on a new line. Including your postal code is optional. We encourage authors to include their ORCIDs in superscript next to their names (see Sect. 3.4 for details).

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Headings. Headings should be capitalized (i.e., nouns, verbs, and all other words except articles, prepositions, and conjunctions should be set with an initial capital) and should, with the exception of the title, be aligned to the left. Only the first two levels of section headings should be numbered, as shown in Table 1. The respective

font sizes are also given in Table 1. Kindly refrain from using “0” when numbering your section headings.

Table 1. Font sizes of headings. Table captions should always be positioned *above* the tables.

Heading level	Example	Font size and style
Title (centered)	Lecture Notes	14 point, bold
1 st -level heading	1 Introduction	12 point, bold
2 nd -level heading	2.1 Printing Area	10 point, bold
3 rd -level heading	Run-in Heading in Bold. Text follows	10 point, bold
4 th -level heading	<i>Lowest Level Heading.</i> Text follows	10 point, italic

Words joined by a hyphen are subject to a special rule. If the first word can stand alone, the second word should be capitalized.

Here are some examples of headings: “Criteria to Disprove Context-Freeness of Collage Languages”, “On Correcting the Intrusion of Tracing Non-deterministic Programs by Software”, “A User-Friendly and Extendable Data Distribution System”, “Multi-flip Networks: Parallelizing GenSAT”, “Self-determinations of Man”.

Lemmas, Propositions, and Theorems. The numbers accorded to lemmas, propositions, and theorems, etc. should appear in consecutive order, starting with Lemma 1. Please do not include section counters in the numbering like “Theorem 1.1”.

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It is essential that all illustrations are clear and legible. Vector graphics (rather than rasterized images) should be used for diagrams and schemas whenever possible. Please check that the lines in line drawings are not interrupted and have a constant width. Grids and details within the figures must be clearly legible and may not be written one on top of the other. Line drawings are to have a resolution of at least 800 dpi (preferably 1200 dpi). The lettering in figures should not use font sizes smaller than 6 pt (~ 2 mm character height). Figures are to be numbered and to have a caption which should always be positioned under the figures, in contrast to the caption belonging to a table, which should always appear above the table. Figures and Tables should be cross referred in the text.

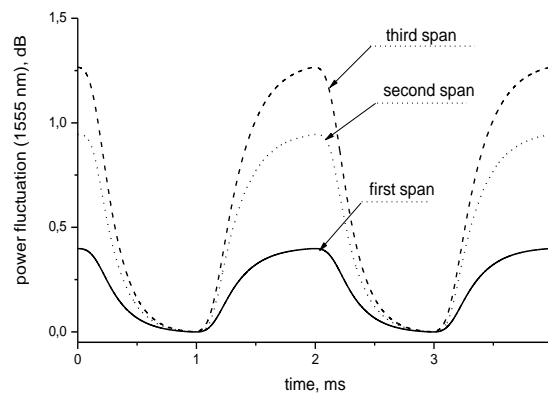


Fig. 1. Power distribution of channel at 1555 nm along the link of 383 km (Source: LNCS 5412, p. 323)

Captions are set in 9-point type. If they are short, they are centered between the margins. Longer captions, covering more than one line, are justified. Captions that do not constitute a full sentence, do not have a period.

If screenshots are necessary, please make sure that the essential content is clear to the reader.

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2.6 Formulae

Displayed equations or formulae are centered and set on a separate line (with an extra line or half line space above and below). Equations should be numbered for reference. The numbers should be consecutive within the contribution, with numbers enclosed in parentheses and set on the right margin. Please do not include section counters in the numbering. If you are using Word, please use the Math function of Word 2007, Word 2010 or Word 2013, or MathType or the Microsoft Equation Editor with Word 2003, to create your equations, and insert the math objects in your Word document in an editable format through MathType or MsWord equation editors.

$$x + y = z \tag{1}$$

Equations should be punctuated in the same way as ordinary text.

2.7 Footnotes

The superscript numeral used to refer to a footnote appears in the text either directly after the word to be discussed or – in relation to a phrase or a sentence – following the punctuation mark (comma, semicolon, or period).¹

For remarks pertaining to the title or the authors' names, in the header of a paper, symbols should be used instead of a number (see first page of this document). Please note that no footnotes may be included in the abstract.

2.8 Program Code

Program listings or program commands in the text are normally set in typewriter font:

```
program Inflation (Output)
  {Assuming annual inflation rates of 7%, 8%, and
  10%,...  years};
  const  MaxYears = 10;
  var    Year: 0..MaxYears;
         Factor1, Factor2, Factor3: Real;
begin
  Year := 0;
  Factor1 := 1.0; Factor2 := 1.0; Factor3 := 1.0;
  WriteLn('Year 7% 8% 10%'); WriteLn;
  repeat
    Year := Year + 1;
```

[Excerpt from an example of a computer program from Jensen K., Wirth N.: Pascal User Manual and Report. Springer, New York (1991)]

¹ The footnote numeral is set flush left and the text follows with the usual word spacing.

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- Single citation: [9]
- Multiple citation: [4-6, 9]. The numbers should be listed in numerical order.
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Acknowledgments. This should always be a run-in heading and not a section or sub-section heading. It should not be assigned a number. The acknowledgments may include references to grants or support received in relation to the work presented in the paper.

Appendix

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Appendices should be referred to in the text. The content of an appendix is contained within the sections subordinated to the major heading “Appendix.” The lan-

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References (in MathPhySci, to be used for computer science proceedings)

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