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Author Guidelines for the Preparation of Contributions to Springer Computer Science Proceedings

Alfred Hofmann^{1,*}, Brigitte Apfel¹, Ursula Barth¹, Christine Günther¹,
Ingrid Haas¹, Frank Holzwarth¹, Anna Kramer¹, Leonie Kunz¹,
Nicole Sator¹, Erika Siebert-Cole¹ and Peter Straßer¹

¹ Springer-Verlag, Computer Science Editorial, Tiergartenstr. 17,
69121 Heidelberg, Germany

{Alfred.Hofmann, Brigitte.Apfel, Ursula.Barth, Christine.Guenther,
Ingrid.Haas, Frank.Holzwarth, Anna.Kramer, Leonie.Kunz,
Nicole.Sator, Erika.Siebert-Cole, Peter.Strasser, LNCS}@Springer.com

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The printing area is 122 mm × 193 mm (4.8 inches × 7.6 inches). The text should be justified to occupy the full line width, so that the right margin is not ragged, with words hyphenated as appropriate. Please fill pages so that the length of the text is no less than 180 mm, if possible. Use paper size A4 210 mm × 297 mm (8.27 inches × 11.69 inches), Top and Bottom margins: 52.1 mm, Left and Right margins: 43.9 mm (Top and Bottom margins: 2.05 inches, Left and Right margins: 1.73 inches).

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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 | Headings. Text follows ... | 10 point, bold |
| 4 th -level heading | <i>Remark.</i> Text follows ... | 10 point, italic |

Lemmas, Propositions, and Theorems. The numbers accorded to lemmas, propositions, and theorems, etc. should appear in consecutive order, starting with Lemma 1, and not, for example, with Lemma 11.

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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 should have a resolution of at least 800 dpi (preferably 1200 dpi). The lettering in figures should have a height of 2 mm (10-point type). Figures should be numbered and should 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. Please center the captions between the margins and set them in 9-point type (Fig. 1 shows an example). The distance between text and figure should be about 8 mm, the distance between figure and caption about 6 mm.

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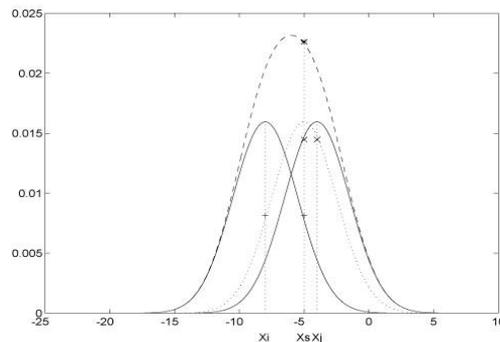


Fig. 1. One kernel at x_s (*dotted kernel*) or two kernels at x_i and x_j (*left and right*) lead to the same summed estimate at x_s . This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.

2.2 Formulas

Displayed equations or formulas are centered and set on a separate line (with an extra line or halfline space above and below). Displayed expressions should be numbered for reference. The numbers should be consecutive within each section or within the contribution, with numbers enclosed in parentheses and set on the right margin.

$$x + y = z . \quad (1)$$

Equations should be punctuated in the same way as ordinary text but with a small space before the end punctuation mark.

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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). Footnotes should appear at the bottom of the normal text area, with a line of about 5cm set immediately above them².

2.4 Program Code

Program listings or program commands in the text are normally set in typewriter font, e.g., CMTT10 or Courier.

Example of a Computer Program from Jensen K., Wirth N. (1991) Pascal user manual and report. Springer, New York

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

2.5 Citations

For citations in the text please use square brackets and consecutive numbers: [1], [2], [3], etc.

2.6 Page Numbering and Running Heads

There is no need to include page numbers. If your paper title is too long to serve as a running head, it will be shortened. Your suggestion as to how to shorten it would be most welcome.

² The footnote numeral is set flush left and the text follows with the usual word spacing.

3 BibTeX Entries

The correct BibTeX entries for the Lecture Notes in Computer Science Proceedings can be found at the following Website shortly after the publication of the book: <http://www.informatik.uni-trier.de/~ley/db/journals/lncs.html>

Acknowledgments. The heading should be treated as a 3rd level heading and should not be assigned a number.

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References

1. Smith, T.F., Waterman, M.S.: Identification of Common Molecular Subsequences. *J. Mol. Biol.* 147, 195--197 (1981)
2. May, P., Ehrlich, H.C., Steinke, T.: ZIB Structure Prediction Pipeline: Composing a Complex Biological Workflow through Web Services. In: Nagel, W.E., Walter, W.V., Lehner, W. (eds.) *Euro-Par 2006. LNCS*, vol. 4128, pp. 1148--1158. Springer, Heidelberg (2006)
3. Foster, I., Kesselman, C.: *The Grid: Blueprint for a New Computing Infrastructure*. Morgan Kaufmann, San Francisco (1999)
4. Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C.: Grid Information Services for Distributed Resource Sharing. In: 10th IEEE International Symposium on High Performance Distributed Computing, pp. 181--184. IEEE Press, New York (2001)
5. Foster, I., Kesselman, C., Nick, J., Tuecke, S.: *The Physiology of the Grid: an Open Grid Services Architecture for Distributed Systems Integration*. Technical report, Global Grid Forum (2002)
6. National Center for Biotechnology Information, <http://www.ncbi.nlm.nih.gov>

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