

The Improvement of Cybersecurity by Machine Learning: Battling advance threats cleverly

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Abstract. Always advance threats has been the biggest risk for the network infrastructure security.

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Use 10-point type for the name(s) of the author(s) and 9-point type for the address(es) and the abstract. For the main text, please use 10-point type and single-line spacing. We recommend using Computer Modern Roman (CM) fonts, Times, or one of the similar typefaces widely used in photo-typesetting. (In these typefaces the letters have serifs, i.e., short endstrokes at the head and the foot of letters.) Italic type may be used to emphasize words in running text. Bold type and underlining should be avoided. With these sizes, the interline distance should be set so that some 45 lines occur on a full-text page.

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Table 1. Font sizes of headings. Table captions should always be positioned *above* the tables. The final sentence of a table caption should end without a period

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

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”.

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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. The last sentence of a figure caption should generally end without a period

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$$\psi(u) = \int_0^T \left[\frac{1}{2} (\Lambda_o^{-1}u, u) + N^*(-u) \right] dt . \quad (1)$$

Please punctuate a displayed equation in the same way as ordinary text but with a small space before the end punctuation. \LaTeX users can find more examples of how to typeset equations in the file `llncs.dem` (see Sect. 3).

2.5 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

```
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;
    Factor1 := Factor1 * 1.07;
    Factor2 := Factor2 * 1.08;
    Factor3 := Factor3 * 1.10;
    WriteLn(Year:5,Factor1:7:3,Factor2:7:3,Factor3:7:3)
  until Year = MaxYears
end.
```

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

2.6 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 sign (comma, semicolon, or period). Footnotes should appear at the bottom of the normal text area, with a line of about 2 cm in \LaTeX and about 5 cm in Word set immediately above them.²

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`ftp://ftp.springer.de/pub/tex/latex/llncls/latex2e`

you will find all files belonging to the L^AT_EX_{2_ε} package for LNCS. `llncls.dem` is a sample input file which you may use as a source for your own input. `llncls.doc` is the documentation of the class; `llncls.dvi` the resulting DVI file of `llncls.doc`.

Gopher: Point your client to `ftp.springer.de`.

Mailserver: Send an email message to `svserv@vax.ntp.springer.de` containing the line

```
get /tex/latex/llncls2e.zip to get the LATEX2ε style files,  
get /tex/latex/llncls.zip   to get the LATEX style files, or  
get /tex/plain/plncls.zip   to get the TEX style files.
```

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```
ftp://ftp.dante.de/tex-archive/graphics/psfig/psfig.sty or  
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```

These styles have always worked smoothly with our macro package. For further details about figure preparation see Sect. 2.3. In general, please refrain from using the `\special` command.

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