

Instructions to authors

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ABSTRACT. In this note, the editors present the goals of this publication, the conditions for submission of articles, and their possible types. Most of the necessary text styles are available on the Foundation's website: <http://www.FondationLouisdeBroglie.org>, or upon request by electronic mail to: fond.broglie@wanadoo.fr.

RESUME. La rédaction des Annales présente dans cette note l'objet de la publication, les conditions de soumission des articles, les différents types d'articles. La plupart des styles nécessaires sont disponibles sur le site de la Fondation : <http://www.FondationLouisdeBroglie.org>, ou sur demande par courrier électronique à : fond.broglie@wanadoo.fr.

1 Aims and limits

The aim of the Annales of the Louis de Broglie Foundation is the publication of work relating to quantum mechanics and its applications, both theoretical and experimental. The Annales encourage the publication of survey articles, short notes, and Letters to the Editor.

The manuscripts submitted for publication should be prepared in the format given in this set of instructions, and sent by electronic mail to one of the Editors or associated Editors:

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The manuscript must respect the format of the Annales given in these instructions. The software that the Annales can exploit are plain TeX, LaTeX,

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ScientificWord and Microsoft Word. *Our preference is for plain TeX, LaTeX and ScientificWord.* For Word, a template is available on the web site.

Before putting an article on the web site, in view of avoiding a maximum of errors arising from the differences in the versions of Word for PC or Macintosh, authors are requested to check their manuscript carefully using the pdf format of Acrobat Reader.

The Word file "Instructions to authors.doc" can be sent by e-mail to any author upon request. It contains all the necessary styles and formats. The authors can submit their work in pdf version of Acrobat Reader this gives an exact copy of the original file, but we need the original file.

The length of articles should not exceed 6 000 words, except in special cases, with the explicit agreement of the editors.

Articles are allowed in both French and English.

A short abstract of approximately 100 words is imperative. If in English, its translation into French is recommended.

2 Layout

The printed page is defined by its height: 17,7cm, and its width: 11 cm. The formatting instructions are given for A4 format paper, namely a sheet measuring 210mm by 297mm.

Table 1. The dimensions of the layout

Margins		Disposition	
Height	1,00 cm		
Bottom	11,00 cm	1 st odd page	
Left	2,54 cm		
Right	7,46 cm	even and odd page different	
Binding	0,00 cm		
From the edge			
Heading	1,00 cm		
Footnote	1,00 cm		

The full rectangle of text, including the headings, starts 1.00 cm from the top of the page. The upper margin is thus 1.00 cm; the lower margin is 11.00 cm. The left margin is 2.54 cm, in portrait position, the right margin is 7.46

cm. For formatting purposes, the Annales may occasionally slightly modify the height of the page¹.

3 The different styles

Unless explicitly mentioned, only the font Times New Roman is used for all styles. We describe here most of the styles used for the presentation of the articles published in the Annales de la Fondation Louis de Broglie. They are based on a style which is predefined in Microsoft's Format style menu.

The styles used are given with their respective names in these *instructions to the authors*. For authors using Microsoft Word, there are two choices: either the author can cut and paste the text of the article into one of the other formats, or use the Microsoft Word styles corresponding to the format of the Annales de la Fondation. For this, as explained in the instructions to authors, one should first open the menu *Format, then style*, and then select *organise* in the window and highlight the styles recommended in the instructions to the authors, and finally copy them to Normal.dot (global model). Then, go to the text of the article to be formatted, and copy the styles Normal.dot (global model) to the new article.

The titles of the section headings. They use a numbered list. The style is bold, the size is 10 Pt. The corresponding style, based on **1 Title** is:

1 AFLB-Section heading

The line space is simple, spacing before 12pt and after 6pt.

The titles of the subsection headings. They also use a numbered list. The style is italic, the size is 10 Pt. The corresponding style, based on **1.1 Title**, is:

1.1 AFLB-subsection

¹For the page layout, it may be necessary to modify the height of the text rectangle. For example, if an article has very few lines on the last page with a rectangle of height 17.7 cm, then increasing this height by .5cm will transfer the last lines onto the preceding page.

The section and subsection texts. The text of the sections and subsection is of size 10pt, and the style is normal.

The corresponding style is:

AFLB-text-A

The title of the article. The first letter must be upper-case, all the others in lower case except eventually those related to scientific customs, for instance in a chemistry formula such as Al_2O_3 . The title should start 2cm below the Heading of the first page.

The font: Time New Roman, style bold, size 12pt with simple spacing, centred paragraph. The corresponding style is:

AFLB-Title-Article

Authors. Font: Time New Roman, size 10pt, style normal in small upper-case letters, centred paragraph, and simple spacing. The corresponding style is:

AFLB-Authors

The addresses. Font: Time New Roman, style normal, size 9pt, simple spacing, centred paragraph. The corresponding style is:

AFLB-addresses

Tables and Figures. The line space before and after is 12pt. The font is of normal style and size 9pt.

The corresponding style is:

AFLB-Fig.-Tab.

Equations: Normal: 10pt, index/exponent 7pt, subexponent 5pt, symbol 16 pt, subsymbol 10pt. For equations, open the menu Size, then Define. Then click on Apply and OK.

Table 2. The size of the fonts for equations. (Microsoft case);

Size			
Normal	10pt	$\sum_{p=1}^{1+B} X_{n_k}^{kp}$	OK
Superscript/exponent	7pt		Cancel
Subscript/exponent	5pt		Apply
Symbol	16pt		By default
Subsymbol	10pt		

The style uses a centred tabulation for the equation itself, tabulation with alignment on the right for the classification of the equations, and tabulation with alignment on the left for a possible text portion².

The corresponding style is: AFLB-equation-A

When the text following an equation is an explanation of the equation, do not indent the first line. If it is a new paragraph, indent.

The corresponding style is: AFLB-text-A2

The Headings. Size 9pt, style bold:

First page: It should include the following text:

Annales de la Fondation Louis de Broglie, Volume 28, no 1, 2003 **1**

The first page is numbered the same as all the others.

The line spacing is a multiple of 5.4.

The corresponding style is:

AFLB Heading-p1

² It is sometimes possible and then preferable to avoid introducing an equation within the text. For example, Greek letters can be introduced using the symbol font, the symbols \hbar , \downarrow , \Rightarrow , ∇ can be found in the font Math C, etc...

Even pages: They include the names of the authors preceded by their initials, aligned to right, and the page number aligned to left on the line below.

The line spacing is a multiple of 3.
The corresponding style is:

AFLB Heading-p2

Odd pages: They include the title of the article, or a running head if it is too long, aligned to the left, and the page number aligned to the right on the line below.

Instructions to authors

The line spacing is a multiple of 3.
The corresponding style is:

AFLB Heading-p3

The references. They are grouped together at the end of the article. We use a numbered list with 0.7cm negative indent. For a reference to a book, use the format of reference [1] below, for an article (e.g. Pierre Curie's article on symmetry in crystals), use the format of reference [2] below.
The corresponding style is:

AFLB-References

Footnotes. They must be exceptional and short. In particular the two footnotes contained in these instructions to authors could well have been included in the main text. *Long footnotes are in fact appendices, and should be placed at the end of the text just before the references.*

The corresponding style is:

AFLB Footnotes

References

- [1] De Broglie L., L'électron magnétique (théorie de Dirac), Hermann, Paris (1934). This book in particular gives a discussion upon the failure of Sommerfeld to interpret the two types of quantum states of doublets.
- [2] Curie P., J. de Phys., 3-ième série, **3**, 393-415, (1894).

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