

Guidelines for preparation of manuscript for abiomed Lecture Notes

The manuscript should be prepared with electronic text processing system. Publisher recommends the use of \LaTeX processing system but files prepared with Microsoft Word editor are also acceptable. In every case text of the manuscript will be re-typeset and elaborated in \LaTeX before printing.

Important directives:

- The formula number must consist of *two* figures: the first represents the chapter number if the volume contains a single lecture or a section number if the volume consists of several lectures; the second is the formula number in that chapter (section). For example: the first formula in chapter 2 should be marked with (2.1). Please pay attention that all variable references in text are written in the same style as in displayed equations.
- Figures in square brackets (e.g., [3], [1, 2, 4] or [3–6]) denote reference titles. Items appearing in the reference list should include the name initial(s) and the surname(s) of the author(s), then full title of the paper. Moreover:
 - in the case of books, the publisher's name, the place and year of publication should be mentioned, e.g.:
 1. R.A. ADAMS, *Sobolev Spaces*, Academic Press, New York 1975.
 2. A.W. MILES and K.E. TANNER (Eds.), *Strain Measurement in Biomechanics*, Chapman & Hall, London 1992.
 - in the case of a periodical, the full title of the periodical, consecutive volume number, current issue number, pages (optionally), and the year of publication should be given, e.g.:
 3. Y.C. FUNG, Biomechanics, its scope, history, and some fundamental problems of continuum mechanics and physiology, *Applied Mechanics Reviews*, **21**(1):1-22, 1968.
 4. P.J. PRENDERGAST, Biomechanics in Ireland and Europe, in: *Proceedings of the 12th Meeting of the European Society of Biomechanics*, (P.J. Prendergast, T.C. Lee and A.J. Carr, Eds.), pp.1-4, Royal Academy of Medicine in Ireland, Dublin 2000.
- Figures should be provided in separate files. The most preferable format is EPS or PostScript. Files in other well-known formats (such as WMF, EMF, GIF, JPG, PNG, TIFF, PCX, BMP, etc.) are also acceptable. Figures may be also embedded in a Microsoft Word file.

Some recommendations for \LaTeX users:

- general font size: 11 pt;
- width of the text: 127 mm;
- height of the text: 40 lines per page;
- standard `book.cls` class can be used to prepare manuscripts for publication in the abiomed Lecture Notes volumes containing a single lecture, and standard `article.cls` class when the volume contains several lectures. However, there are two document classes dedicated for both these cases: `ABMbook.cls` and `ABMart.cls`, respectively; both of them are available from M. Stańczyk (`mstan@ippt.gov.pl`);
- `\label{...}` and `\ref{...}` commands should be used when referring to formulae, tables, figures etc.;
- `\bibitem{...}` and `\cite{...}` commands should be used when referring to bibliography titles;
- the use of $\mathcal{A}\mathcal{M}\mathcal{S}$ - \LaTeX package (`amsmath.sty`) is strongly recommended.

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