

Rules for Authors

The editorial board of the journal “Contemporary Mathematics. Fundamental Directions” ask you to prepare your paper following the rules indicated below. The journal publishes papers containing original results that have not been published before. Main results of your paper should be provided with detailed proofs.

Prepare your paper in LaTeX 2e, using the style file of our journal. The style file `cmfne.cls` can be sent to you by e-mail. We recommend that you use the following pattern:

```
\documentclass{cmfne}

\title{...} % Paper title
\subjclass{...} % UDC number
\author{...} % Author's first and last names
\address{...} % Author's address
\email{...} % Author's e-mail
% You should repeat the commands \author, \address, \email
% for each author

\theoremstyle{plain}
% Environments of theorem type are introduced below:
\newtheorem{theorem}{Theorem}
\newtheorem{lemma}{Lemma}
% etc., for any environment of theorem type
\theoremstyle{definition}
% Environments of definition type are introduced below:
\newtheorem{definition}{Definition}
\newtheorem{remark}{Remark}
% etc., for any environment of definition type

\numberwithin{equation}{section}
% You should give the corresponding command
% for each environment introduced above:
\numberwithin{theorem}{section}
\numberwithin{lemma}{section}
\numberwithin{definition}{section}
\numberwithin{remark}{section}

\begin{document}
\begin{abstract}
% Text of the abstract
\end{abstract}
\maketitle
\tableofcontents

% Text of the paper

\begin{thebibliography}{99}
% Bibliography
\end{thebibliography}
\end{document}
```

Writing your paper, make the automatic enumeration of sections, formulas, theorems, the bibliography, etc., please. Besides, references to sections, formulas, theorems, bibliography items, etc., are also to be automatic. Use the command `\ref{...}` for references to sections; it is better to use the command `\eqref{...}` for references to formulas; use the command `\cite{...}` for references to bibliography items. You should type proofs, using the environment `proof`:

```
\begin{proof}
% Text of the proof
\end{proof}
```

Figures are published in black-and-white. It is better to use vector formats for figures (e.g., PostScript), rather than raster formats (BMP, JPEG, TIFF, etc), for a higher quality. If you still use raster formats, then, please, make sure your figure has 600 dpi resolution (it is the length (or height) of figure in pixels divided by its length (or height) in inches); then it is better to save the figure as 1 bit color BMP (monochrome).

The references should be given at the end of the paper as follows.

1. Journal:

```
\bibitem{MiyHash} M.~Miyake, Y.~Hashimoto, ``Newton polygons and Gevrey indices for linear partial differential operators,`` {\it Nagoya Math. J., \bf 128}, 15--47 (1992).
```

If you are not sure which journal abbreviation to use, please write its name in full.

2. Book:

```
\bibitem{Wis} J.~B.~Wisem, {\it Linear and nonlinear waves}, Mir, Moscow (1977).
```

3. Thesis:

```
\bibitem{Fed} A.~S.~Fedotov, ``Oscillation processes in elastic mediums,`` Ph. D. Thesis, Moscow, 2002.
```

If you have any questions concerning preparing papers, please contact Evgeniy Varfolomeev by e-mail eugene.varfolomeyev@gmail.com.