## Instructions for Preparing the Abstract

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**Abstract.** This file serves as an illustration of how to prepare a LaTEX file for an Abstractbook. For preparing abstract, you need only the style file applm05a.sty.

Style applm05a.sty is prepared in somewhat oldfashioned way. You may LaTeX your document using either LaTeX2 $\varepsilon$  (in compatibility mode) or old LaTeX 2.09.

Your abstract should not be longer then one page (author addresses excluded). Please, follow the restrictions mentioned here:

- (1) You are not allowed to input any other style option.
- (2) Math formulas can be entered as usual. Please, don't use numbered equations, theorem—like environments, etc. There are additional math—things predefined in style. For set of natural and real numbers, mathops, etc., please use

$\backslash N$	$\mathbf{N}$	$\setminus \mathtt{const}$	const	$\setminus \mathtt{supp}$	$\operatorname{supp}$	$ackslash{ t tr}$	$\operatorname{tr}$	$\backslash \mathtt{ltgt}$	$\leq$
$\setminus Z$	${f Z}$	$\backslash \mathtt{diag}$	diag	$\backslash \mathtt{divg}$	$\operatorname{div}$	$\setminus \mathtt{sign}$	$\operatorname{sign}$	ackslash bfdiv	$\mathbf{div}$
$\setminus Q$	${f Q}$	$\backslash \mathtt{grad}$	grad	\rot	$\operatorname{rot}$	$\setminus \texttt{Real}$	Re	$\backslash \mathtt{bfmod}$	$\mathbf{mod}$
$\backslash R$	${f R}$	$\setminus \mathtt{Range}$	Range	$\setminus \mathtt{card}$	$\operatorname{card}$	$\setminus { t Imag}$	$\operatorname{Im}$		
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- (3) Style file has predefined Croatian characters d(type \dj to obtain it) and D(type \Dj). Usage: for example, \Dj ur\dj ica gives Durdica.
- (4) Please do not use bibliography in this document. But if you absolutely need it, follow the instructions here. The bibliography style uses numeric labels. The title should be in italics, lower case for article titles, mixed upper-lower case for book titles as shown below. The style uses alphabetic order. Abbreviations of journals should be from Mathematical Reviews. Author names are typesetted in smallcaps style and should start with initials. The bibliography below shows how to cite an article, an article in proceedings (or collection), a book, and a Ph.D. thesis. If you use BIBTEX you should use the bibliography style siam. Include your bb1 files after the closed \endabstract command as done here.
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