

# A template for a paper to be submitted to Ratio Mathematica

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## Abstract

Here the abstract of the paper should be placed. It should not be very extended, at most 10 lines.

**Key words:** template, Latex file.

**2000 AMS subject classifications:** 97U99.

## 1 Introduction

The paper should begin with an Introduction.

## 2 On editing definitions, theorems, corollaries

In order to write a definition, please use the command (see the .tex file)

**Definition 2.1.** *This is a definition of a mathematical object.*

For a theorem, use (see the .tex file)

**Theorem 2.1.** *In the conditions of Definition (2.1), the following assertions hold*

*a)...*

*b).....*

**Proof.** The proof is written here.  $\square$

For the other types of mathematical assertions, please use the commands defined in the preamble of the Latex template.

### 3 On inserting a matrix, a table

We present the above topics one by one [2].

#### 3.1 A $m \times n$ matrix

In order to edit a  $4 \times 3$  matrix, we may use (see the .tex file)

$$\begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \\ a_{41} & a_{42} & a_{43} \end{pmatrix}.$$

#### 3.2 A table

In order to edit a  $4 \times 3$  table, you may use (see the .tex file)

Column 1	Column 2	Column 3
$a_{11}$	$a_{12}$	$a_{13}$
$a_{21}$	$a_{22}$	$a_{23}$
$a_{31}$	$a_{32}$	$a_{33}$

## 4 On new commands

Please do not use your own commands, even if they might be much simpler than the pre-defined ones. This will help the work of editing Ratio Mathematica.

## 5 On the references

The references should be in AMS format, as below.

### References

- [1] A. Maturo and A.G.S. Ventre, *Multiagent Decision Making, Fuzzy Prediction, and Consensus*, E. Hllermeier, R. Kruse, and F. Hoffmann (Eds.):

Title of Paper

IPMU 2010, Part II, CCIS 81, Springer-Verlag Berlin Heidelberg, (2010), 251-260

- [2] B. de Finetti, *Theory of Probability*, J. Wiley, New York, 1974.
- [3] L.E. Dubins, *Finitely additive conditional probabilities, conglomerability, and disintegrations*, The Annals of Probability 3 (1995), 88-99.