

ARGENTINE INDUSTRIAL, COMPUTATIONAL AND APPLIED MATHEMATICS ASSOCIATION. MODEL ARTICLE

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Abstract: The abstract is limited to a single paragraph with no more than 150 words. It must be self-contained, it must be written using Times New Roman 9 font.

Key words: first second third

2000 AMS Subjects Classification: 21A54 - 55P5T4

1. INTRODUCTION

ASAMACI - Argentine Industrial, Computational and Applied Mathematics Association - Officers Board has decided to utilize from now on this WORD format for the MACI scientific reunions.

The third meeting, III MACI 2011, will take place at Bahía Blanca city, from May 9 -- 11, 2011. The presented contributions will be published on a MACI volume, named MACI, 3(2011).

This conference will include the following scientific sessions:

1. Biomathematics
2. Mathematical Economics
3. Differential Equations and Applications
4. Quantitative Finances
5. Numerical Methods and Applications
6. Discrete Mathematics and Applications
7. Industrial Mathematics and Applications
8. Computational Mechanics
9. Interdisciplinary Mathematical Models
10. Optimization Theory and Applications
11. Probability, Statistics and Stochastic Processes
12. Free Boundary Problems and Applications
13. Inverse Problems and Applications
14. Mathematical Problems in Continuum Mechanics
15. Image and Signal Processing
16. Dynamical Systems
17. Optimal Control Theory and Applications
18. Heat and Mass Transfer

19. Students Posters
20. Graduate Students Posters

2. GENERAL SPECIFICATIONS

This document provides information and instructions for preparing an article following the MACI style. Only articles formatted according to the present guidelines will be accepted for MACI publications. The article must be written in Spanish or English within a printing box of 15,5cm x 22,5cm centered in a A4 paper page. If acronyms are used, then define them before their first occurrence.

The paper must have a minimum length of 2 pages and must not exceed 4 pages. A .pdf file, not exceeding 2MB, must be submitted before December 14th 2011, by e-mail to the following address

maci2011@uns.edu.ar

The corresponding session for the submitted work must be specified in the mail subject (if not, the work will not be considered). For instance

From: gma@unsjdl.edu.ar
to: maci2011@uns.edu.ar
Subject: 4. Quantitative Finances (Corresponding author name)

Besides the .pdf file must be named in the following way

4-QuantitativeFinances-CorrespondingAuthor.pdf

The works will be evaluated by the scientific session organizers or by opportunely designed specialists. The authors whose works should need a revision will be contacted by the corresponding scientific session organizers. On the other hand, the Organizing Committee will send the final decisions in February, 2011.

3. TITLE, AUTHORS, AFFILIATIONS, KEYWORDS, ABSTRACT, AMS CLASSIFICATION

3.1. TITLE

The title should be written centered, in 16pt Times New Roman (TNR), in small capital letters, with single separation if more than a line is needed. Inclusion of formulas or special characters in the title is highly discouraged

3.2. AUTHORS AND AFFILIATIONS

The authors name should include first name, middle initials and last name. It should be written centered in 10pt TNR below the title. Affiliations must be arranged in center blocks after the authors. Identify each author with its corresponding affiliation using a letter superscript, as in the example. Do not use superscript if all the authors belong to the same affiliation.

Author's affiliation should be written in 9pt, Italic TNR. It is recommended that authors include an e-mail address.

3.3. KEYWORDS

Please write no more than six keywords in 9pt Italic TNR formatted as in the example.

3.4. ABSTRACT

The abstract must be preceded by the word Abstract and written as mention before.

4. SECTIONS

The sections and subsections headings should be written left aligned in 11pt, small caption TNR.

4.1. TEXT

The normal text must be seen identical to the one of this model. It should be written using 10pt TNR in one column, it must be single spaced, justified and with a 1.5 space between paragraphs. The author **must not number** the pages of the article.

5. THEOREMS, LEMMAS, ETC

They should be stated after its corresponding nominations written in 10pt, bold TNR and numbered in a correlative way. The theorem statement should be written in italic font as:

Theorem 1 *Theorem text*

In a similar way Lemmas, Propositions, Corollary, Definitions, Examples and Notes should be included.

5.1. PROOF

The proof text should be written in the following form

Proof. Proof text □

The □ symbol should appear at the right margin in the last line of the proof.

Let's exhibit an example

Lemma 2 *Lemma statement*

Proof. Proof text □

Corollary 3 First corollary text

Corollary 4 Second corollary text

Example 5 *Example text*

6. FIGURES

All the figures must be consecutively numerated and captioned. The caption should be written under the figure, centered, in 10pt TNR font, upper and lower case letters. A 6pt space should separate the figure from the caption. Figures should be referenced in the text. Color figures are welcome.

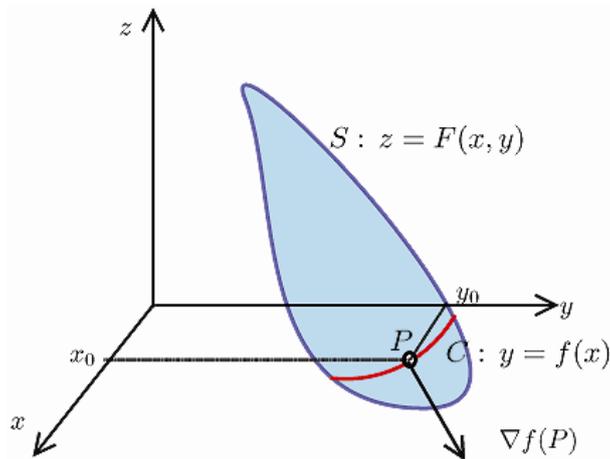


Figure 1: Connected Domain

ACKNOWLEDGEMENTS

Acknowledgements must be introduced on a non numerated section before the references.

7. REFERENCES

References must respect the following format, fontsize 8.5pt, and will be cited on the text on this way:

[1], [4].

REFERENCES

- [1] F. BACCELLI, G. COHEN, G.J. OLSDER, AND J-P. QUADRAT, *Synchronization and linearity. An algebra for discrete event systems*, Wiley and Sons, 1992.
- [2] R. BELLAMN, AND W. KARUSH, *On a new functional transform in analysis: the maximum transform*, Bull. AMS, 67 (1961), pp.501-503.
- [3] M.G. CRANDALL, L.C. EVANS, P.L. LIONS, *Some properties of viscosity solutions of Hamilton-Jacobi equations*, Trans. AMS, Vol. 282 (1984), pp. 487-502.
- [4] M. KREIN, AND MILMAN, *On the extreme points of regularly convex sets*, Studia Math., 9 (1940), pp.133-138.
- [5] H.W. KUHN, AND A.W. TUCKER, *Nonlinear programming* in Proceedings of the Second Berkeley Symposium on Mathematical Statistics and Probability, Univ. Of California Press, Berkeley, (1951), 481-492.
- [6] W.H. YOUNG, *On classes of summable functions and their Fourier series*, Proc. Royal Soc. (A)87 (1912), pp. 225-229.