Editorial Board

Aims and Scope

The journal "IJAM" (founded 1999) is peer-reviewed and publishes selected original research papers on wide ranges of Mathematics, as: combinatorics, design and configurations, graph theory, fractals, lattices, ordered algebraic structures, real functions, measure and integration, functions of complex variable, potential theory, integral transforms and special functions, fractional calculus, dynamical systems in their broadest sense (covering ODEs, all kinds of PDEs, FDEs, difference equations, functional equations), approximation and expansion, integral equations, operator theory, calculus of variations, optimal control, optimization, differential geometry, probability theory and stochastic processes, statistics, numerical analysis, computer science, mechanics of particle and systems, mechanics of solids, fluid mechanics, classical thermodynamics, mathematical methods in economics, operations research, programming, education in mathematics and informatics, mathematical biology, systems theory, information and communication, circuits, etc, etc.

Call for Papers

Only manuscripts typeset in standard **LaTeX** (avoid false converting software) are considered. The authors should **submit papers in electronic form by e-mail** (pdf-files upon submission, and LaTeX and figures files, after acceptance), **to the Editor-in-Chief**: virginia@diogenes.bg (indicate "for IJAM") or ijam@diogenes.bg. Alternatively, submit via a member of the Editorial Board who should recommend it after a peer-review to the Editor-in-Chief. The corresponding author should provide actual e-mail address and full postal address for correspondence. The submitted manuscripts are considered for publication in IJAM with the understanding that the same work has not been published and is not under consideration for publication elsewhere, and all terms of Publications Ethics Code are satisfied. We are devoted to ensure timeliness of publication, by having 6 issues per year, each 2 months. **The corresponding author of each paper receives** a softcopy of the publication (pdf-file by E-mail). The publication fees of EUR 10 per page (in standard IJAM format) are to cover: maintaining the Diogenes' server, the journal's website with **Open Online Access to contents of published issues and to full text papers** (since 2012), assigning **DOI-number to each paper and arranging a link to CrossRef** (since 2013), all expenses for handling, reviewing, editing, proofreading, publication and print, and all services to ensure refereeing **/ indexing, incl. in Scopus**, etc.

INSTRUCTIONS TO AUTHORS IN "IJAM"

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[1] First Author's Address,
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Abstract: An abstract of approximately 10-15 lines. Leave two lines between the address(es) and abstract.

Math. Subj. Classification 2010: Give obligatory 2-3 Mathematics Subject Classification numbers, close to your topic
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Key Words: Give 3-6 key words and phrases, characterizing the topic of your research

1. Introduction

The manuscript should be prepared **only** by using the *LaTeX* processing system and in English. Use basic font: Roman **12pt size**, obligatory in **frames 12cm x 18cm**, on A4-format paper. On the first page leave 3.5 cm space on the top for the journal's headings, then type the title of the paper in capital letters bold face, leave two lines and type the authors' names and addresses, centered. Follow the model of this text. **Use the *LaTeX* Sample file from IJAM website**.

After acceptance of the paper for publication, the authors are obliged to submit the finally revised *LaTeX-source file* and electronic *files of all figures* (in Encapsulate PostScript (eps-) or ps-, pdf- format), and resulting pdf-file of the manuscript. These should be sent together with the copyright form (signed by the corresponding author) and payment details by e-mail to: virginia@diogenes.bg or ijam@diogenes.bg .

2. Sections, Propositions, Text and Figures

Titles of **Sections, Acknowledgment, References, Appendices** should be typed centered in bold face. **Appendices** should be indexed (A, B, ...) or enumerated (1,2,...). Acknowledgments are in special section, before References.

The paragraphs should have 18pt indent. All subheadings like **Definition, Theorem, Lemma, Remark, Example,** etc. should be indented and in bold face, the *text of the Propositions* (Theorems, Lemmas, etc.) *should be slanted*, the subheading *Proof,* also slanted. Indicate ends of the proofs. The references should be arranged in alphabetic order, in a style strictly according to the examples below, and cited in the text as follows: Ackeley et al. [1], Hebb [2], Smith [3].

References

[1] D.H. Ackeley, G.E. Hilton and T.J. Sejnovski, A learning algorithm for Boizmann machine, *Cognitive Science,* **62,** No 1 (1985), 147-169.

[2] D.O. Hebb, *Organization of Behavior,* Wiley, New York (1949).

[3] J. Smith, Title of paper, In: *Proc. Intern. Conf., Place, Time* (Ed. Name), Publisher, Town (Year), 13-35.