

A Sample Format File for Applied Mathematics and Information Sciences

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The title should reflect the contents of the manuscript; The abstract (no more 200 words) should be concise and descriptive. The author name(s) and contact address(es) should be just below the title. A short list of key words and phrases should be provided below.

Keywords: Keyword, keyword, keyword.

1 Text and Typesetting

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2 Theorems, Lemmas, Corollaries, ETC.

Proposition 2.1. *If A , then we have B*

Lemma 2.1. *If the four sides of a rectangle have equal length, then it is a square.*

Theorem 2.1. *For any $m = 0, 1, 2, \dots$, we have*

$$m + 1 \geq 1 \quad (2.1)$$

Corollary 2.1. *Let $m \in \mathbb{R}$. Then*

$$m^2 \geq 0 \quad (2.2)$$

Remark 2.1. Remarks, definitions and examples should be in regular font, rather than in italic.

Definition 2.1. An *axiom* is something that we admit to be true without proof. A *theorem* is a statement that is proven to be true.

3 Tables and Figures

Tables and figures should be inserted in the text, rather than collated at the end of the paper or attaching as appendix. The figures in eps files should be submitted together with LaTeX file.

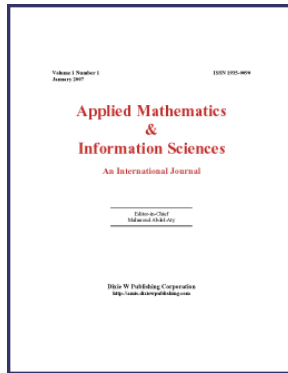


Figure 3.1: Applied Mathematics and Information Sciences ISSN: 1935-0090

4 Equations

Displayed equations should be numbered consecutively within each section, in the right margin and enclosed in parentheses. The equations in Sec. 4 should be labeled (4.1), (4.2).

$$x^2 + y^2 = z^2. \quad (4.1)$$

$$a^2 + b^2 = c^2. \quad (4.2)$$

Equations should be referred to in abbreviated form, e.g. “Eq. (4.1)” or “(4.1)”

Acknowledgements

Authors who wish to acknowledge financial supports use the “Thanks{ }” in the preamble of this file, which will produce an unnumbered footnote on the first page. Those authors who wish to acknowledge referees and/or colleagues use this optional unnumbered section, to avoid the footnote on the first page becoming too long.

Bibliographic references should be numbered and listed in the alphabetic order at the end of the article. All journal names in the references should be abbreviated in the standard way, see <http://www.ams.org/msnhtml/serials.pdf>. The references in the text should be referred to in the form “LastName [2]” or just “ [2]”. Instead of “see for example Theorem 1.1 of [1] or pp. 50-69 of [2]”, we prefer to use “see, e.g., [1, Theorem 1.1] or [2, pp. 50–69]”.

The bibliographic items must be typed in the following formats for “journal papers”, “books”, and “book chapters”, respectively.

References

- [1] H. Brezis and J. M. Coron, Multiple solutions of H-system and Rellich’s conjecture, *Comm. Pure Appl. Math.* **37** (1984), 149–187.
- [2] J. A. Sherliff, *A Textbook of Magnetohydrodynamics*, Second Edition (or 2nd ed.), Springer, New York, 2004.
- [3] S. S. Wagstaff, *Prime divisors of the Bernoulli and Euler numbers*, in: Number Theory for the Millennium, III (Urbana, IL, 2000), A K Peters, Natick, MA, 2002, 357–374.