

L^AT_EX Template for Preparation of Papers for Measurement Science Review. On-line Journal – Instructions for Papers Arrangement

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These instructions give you guidelines for preparing papers for the MEASUREMENT SCIENCE REVIEW on-line journal. The body of the manuscript should be preceded by an Abstract limited to about 10 lines, followed by up to 6 keywords. The Abstract will be also published in the appropriate PAPER SECTION together with author's names and the paper title. Use this document as a template if you are using L^AT_EX, and use this document as an instruction set. Define all symbols used in the abstract. Do not cite references in the abstract. Do not delete the blank line immediately above the abstract; it sets the footnote at the bottom of this column.

Keywords: Magnetic measurement, imaging, magnetic susceptibility, calculation, microwave frequencies.

1. INTRODUCTION

This document is a template for L^AT_EX. Please use the font size and the page setup as in this template.

The topic of the article should be defined CLEARLY and short review of published essential solutions and comparison with the author's results should be given.

2. SUBJECT & METHODS

Main ideas, theory, mathematical formulations, includes the data on the measuring method and instruments as well as experimental results. This part should be accompanied by exact references.

Figures, see Fig.1., (format .eps or .pdf, ... in line with text) and table files should be named following this convention: Fig.1., Fig.2., Fig.3., Table 1., Table 2., etc.

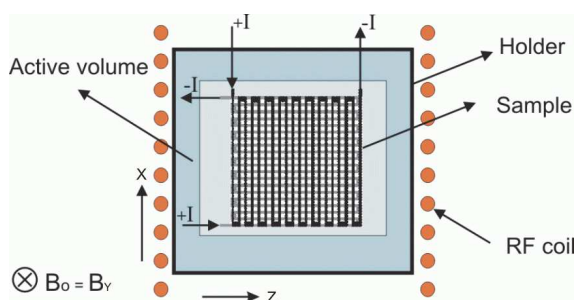


Fig.1. The designed structure based on ABC technology, very useful for applications in the industrial measurements.

3. RESULTS

Results should be summarized briefly and main authors scientific contributions should be demonstrated.

Table 1. Chemical bonds associated with biological processes and their approximate energies [10].

| Bond | Energy [kJ/mol] | Energy export $\times 10^{-19}$ [J] |
|--------------|-----------------|-------------------------------------|
| Ionic | 700 | 11.6 |
| Covalent IV | 1100 - 1300 | 15.5 - 17.8 |
| Covalent III | 800 - 1000 | 13.3 - 16.6 |
| Covalent II | 500 - 700 | 8.3 - 16.6 |
| Covalent I | 300 - 500 | 4.98 - 8.3 |

4. DISCUSSION / CONCLUSIONS

Presents a critical analysis, interpretation and evaluation of the obtained results.

4.1. References

For preparation of the references use bibtex. Otherwise, number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Multiple references [2], [3] are each numbered with separate brackets [1]-[3]. When citing a section in a book, please give the relevant

page numbers [2]. In sentences, refer simply to the reference number, as in [3]. Do not use „Ref. [3]” or „reference [3]” except at the beginning of a sentence: „Reference [3] shows ...”

4.2. Equations

Use standard L^AT_EX equations. If you are using Word, use either the Microsoft Equation Editor or the MathType add-on (<http://www.mathtype.com>) for equations in your paper (Insert > Objects > Create New > Microsoft Equation > or MathType Equation). „Float over text” should not be selected.

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). First use the equation editor to create the equation. Then select the „Equation” markup style. Press the tab key and write the equation number in parentheses.

$$\frac{f_{os}}{2L} = f^s > f_{\max} \Rightarrow E_{kv} = \frac{Q}{\sqrt{12}\sqrt{2L}} \quad (1)$$

Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Refer to „(1)”, not „Eq. (1)” or „equation (1)”, except at the beginning of a sentence: „Equation (1) is ...”

5. EDITORIAL POLICY

At least two favorable reviews are required for a paper to be accepted for publication. For regular papers, the editors additionally make a determination of suitability, which is different from a judgment of whether a paper is sound or flawed. The editors consider whether a paper contributes significant new material, is within the scope of the journal, or is more suited to another journal. **Unreadable English is a valid reason for rejection.** Authors of rejected papers may revise and resubmit them to the MSR as regular papers, whereupon they will be reviewed by two new referees.

6. PUBLICATION PRINCIPLES

The MSR is a peer-reviewed, archival journal in science and technology related to the theory of measurement, measurement of physical quantities and measurement in biomedicine.

The paper must have a character of a basic scientific research paper in the „Measurement Science” sphere, (new theory, analysis, synthesis, modeling, new measurement method, new sensors, data processing, data interpretation, graphical evaluation, new results ...).

Authors should consider the following points:

1. Technical papers submitted for publication must advance the state of knowledge and **must cite relevant prior work**.
2. The length of a submitted paper should be commensurate with the importance, or appropriate to the complexity, of the work, **maximum 10 pages. Abstract limited to 10 lines.**

3. Authors must convince both peer reviewers and the editors of the scientific and technical merit of a paper; the standards of proof are higher when **extraordinary or unexpected results are reported**.

4. Papers are published proportional to the chronological sequence and according to the scientific quality of papers.

7. CONCLUSIONS

Conclusion may review the main points of the paper, **do not replicate the abstract in the conclusion**. A conclusion might elaborate on the **importance of the work** or suggest applications and extensions.

APPENDIX

Appendixes, if needed, must appear before the acknowledgement.

ACKNOWLEDGEMENT

Use the singular heading even if you have many acknowledgments.

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More about references you will find here:

<http://www.measurement.sk/Instructions.htm>

In order to speed up the review process it is recommended to propose several reviewers (NOT from a country of authors) for every submitted paper:

| | Name, surname, titles: | Affiliation, institute, address: | e-mail address: |
|----|------------------------|----------------------------------|-----------------|
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