

# ARCHIVES FOR TECHNICAL SCIENCES

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## INSTRUCTIONS FOR THE REVIEWERS

In the aim of harmonizing the reviewer's criteria while reviewing papers for Archive for Technical Sciences, the Reviewers report was prepared. On questions given in columns should be answered with writing of certain number of points and comments related to remarks if exist.

Paper evaluation contains the reviewer's opinion, whether the paper is suitable for publishing in "Archive for Technical Sciences" or not. The Review should, at least, contain the following:

- evaluation of originality, i.e. scientific or professional contribution of paper
- evaluation of paper actuality
- evaluation of methodology applicability
- proposal for the classification of the category or type of work
- evaluation of literature used
- consent for publishing the paper

Reviewer gives evaluation of listed criteria in points given in reviewer's report, and the level and manner of writing, information sources, the need to shorten, amend text, appendices and references. For papers containing mathematical forms, graphs, photographs and tables, the reviewer indicate on the clarity and simplicity of presentation, in order for printing. In column comments of reviewers write remarks or general comment if it is necessary to make certain corrections or addition to work. If work is unconditionally rejected, give reasons why.

Reviewers and authors are anonymous. Works after a review by the editorial board "Archives for Technical Sciences" returned to the author with code reviewers. If consider necessary, reviewers can over the board of "Archives for Technical Sciences" and filled reviewer's report (reviewer's comments) make indirect contact with the author of the work, and clarify or eliminate certain ambiguities or shortcomings in work.

## CATEGORIZATION OF THE SCIENCE AND EXPERT PAPERS

The papers which are to be published in the "Archive for Technical Sciences" are subject to the review, classifying it in accordance to the COBISS or some other officially accepted system into one of the following categories:

### SCIENTIFIC PAPER

- original scientific paper

- review paper
- preliminary report
- scientific criticism

## **EXPERT PAPER**

The paper category evaluation needs to be done in accordance with the criteria provided in UNESCO recommendations or IMRAD scheme (Introduction, Methods, Results And Discussion).

### **Original scientific paper**

The paper is organized according to the IMRAD scheme, in which the text on the results of personal researches realized by application of scientific methods is publicized for the first time, and which are textually described and provide the possibility to repeat the research, and check the established facts. Obtained results are expected to be equal or within the limits of experimental failure, as mentioned in the paper.

### **Review paper**

It represents the paper which provides new synthesis origin on the basis of the newest papers review within the certain subject field, and which is developed by summarizing, analysis, synthesis and evaluation. The aim is to present legal validity, rule, trend or cause-effect relationship in relation to the investigated phenomena, and it's work that includes an original, detailed and critical review of the research problem or area in which the author has made a certain contribution.

### **Preliminary report**

It represents the original scientific paper, but downsized or of preliminary character where some of the IMRAD elements can be left out. We are talking about the summarized presentation results of completed original research paper or the paper which is still in the proceeding, and whose character demands urgent publishing.

### **Scientific criticism**

Scientific criticism is a discussion on some certain scientific issue, based on scientific argumentation, where the author proves regularity of certain criteria of his opinion, i.e. confirms or refutes the results of other authors.

### **Expert paper**

It represents the paper which provides the experiences useful for improvement of professional practice, but which is not necessarily based on the scientific method. The matter does not have to represent news within the world frames, but it needs to be related to the check or reproduction in the world of well known researches or solutions. The emphasis is on usability of results of original research and the dissemination of knowledge. The text is adapted to the expert and scientific level of expert public which the paper is intended for.

“Archive for Technical Sciences” Editorial Board is aware of the meaning and contribution of the reviewers, particularly in the orientation of raising its level and reputation, and it’s thankful in advance to everyone.

*Editorial board of  
„Archives for Technical Sciences“*