

# **REQUIREMENTS TO THE STRUCTURE OF DISSERTATION AND SUMMARY FOR THE APPLICANTS, PRESENTING DOCUMENTS TO HSE DISSERTATION COUNCIL IN ENGINEERING AND APPLIED MATHEMATICS**

## **REQUIREMENTS TO DISSERTATION**

**Recommended volume of the dissertation (in Russian or English) should not exceed:**

for PhD (Candidate of Sciences) –approximately 150 pages without applications

for Doctor of Sciences – approximately 250 pages without applications

### **Dissertation structure:**

Dissertation must be formatted as a manuscript and should feature the following structure:

- a) title page as per the prescribed format;
- b) contents;
- c) the actual dissertation including its introduction, main text, conclusion and bibliography.

- Introduction must include: a rationale explaining the relevance of the selected topic; the degree to which this topic has been previously developed; the dissertation's goals and objectives, as well as its theoretical and practical significance; the methodology and research methods used, and key ideas which shall be defended; authenticity and validation of results.
- Main text of dissertation submitted as a coherent research paper must be subdivided into chapters and paragraphs or sections and subsections (numbered in Arabic numerals). If dissertation is submitted as a collection of research articles, the main body of the dissertation shall comprise an introduction, conclusion with the results obtained, bibliography and actual articles in annexes.
- Conclusion must feature a summary of the research results, recommendations and possibilities for further development in regards to the given topic. Dissertation may also include a list of abbreviations and symbols, definitions, a list of images and annexes.

### **The title page of the thesis should contain:**

- the full name of the organization where the work was done
- full name of the applicant
- the title of the thesis
- full name of the academic supervisor or scientific consultant (if available)
- place and year of defense

Dissertation may also include a list of abbreviations and symbols, definitions, a list of images and annexes.

## **REQUIREMENTS TO SUMMARY**

### **Recommended volume of the summary (in Russian or English):**

The volume of summary, as a rule, should not exceed 1 copyright sheet for candidate of sciences dissertation and 1.5 copyright sheet - for a doctoral dissertation.

Line spacing - 1.5; printing type -14.

The text of the summary in English should correspond to the text of the summary in Russian

### **Summary Structure:**

- Formulation of the problem
- Degree of elaboration of the problem
- Goals and objectives of the study
- Relevance
- The personal contribution of the author to the development of the problem
- Description of research methodology
- Main results to be defended
- Scientific novelty
- General research findings
- List of published articles, which reflects the main scientific results of the thesis

### **The title page of the summary contains the following required information:**

- the title of the thesis
- full name of the author
- organization where work is done
- full name of the academic supervisor or scientific consultant (if available)
- place and year of defense