

Appendix 14

Recommended structure and content of the thesis abstract

- *General characteristic of the thesis.*
- *Relevance of the topic of the thesis.*
- *Goals and tasks of the work.*
- *Scientific or practical (for TRIZ practitioners) novelty of the work.*
- *Practical significance of the work.*
- *Main provisions to be discussed at the thesis defense.*
- *Personal contribution of the applicant.*
- *Implementation of the main provisions of research.*
- *Publications or patents (for TRIZ practitioners).*
- *Structure and volume of work.*

Author's abstract of the thesis is prepared in Russian and in English.

Recommended structure and content of the thesis

- *Introduction.*
 - *Relevance of the topic of work.*
 - *Goals of work.*
 - *Review of the known approaches to the analyzed problem. (For TRIZ practitioners – review of previously known solutions for the problems addressed by their inventions)*
 - *Detailed statement of the problem.*
 - *Methods of solving the stated problem.*
 - *Results of performed work.*
 - *Practice of application.*
 - *Analysis of results of performed work.*
 - *Personal contribution of the applicant.*
 - *Conclusions and recommendations on application.*
 - *List of published works on the topic of the thesis. For TRIZ practitioners – list of their patents on inventions developed with application of TRIZ*
- The thesis is prepared in Russian and in English.*

Recommended structure and content of the adviser's review

- *Relevance.*
- *Goals of work.*
- *Main results.*
- *Practical value of results.*
- *Novelty.*
- *Recommendation*

The adviser's review is prepared in Russian and in English.

Recommended structure and content of the opponent's review

- *Relevance of the work.*
- *Goals of work.*
- *Scientific significance of obtained results (for TRIZ practitioners this item can be omitted.)*
- *Practical value of results.*

- *Implementation of the main provisions of research.*
- *Novelty.*
- *Structure of thesis*
- *Disadvantages of the work.*
- *Characteristics of presented work.*
- *Conclusion.*

The opponent's review is prepared in Russian or in English.