Appendix 11

"Approved" MATRIZ President

International TRIZ Association

Requirements for Degree theses and Term papers on TRIZ

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Introduction

The present requirements to the preparation and defense of Degree theses/Term papers on TRIZ were drafted by MATRIZ Council on Expertise-and-Methodology for certification.

The goal of requirements is to give a clear understanding of all stages for preparing and defending Degree theses /Term papers as well as structure and content of certification paper.

Section 1. General requirements to Degree theses and Term papers

Volume of Term paper: no less than 5 pages of typed text.

Volume of Degree thesis: no less than 10 pages of typed text.

When preparing and defending a Degree thesis and Term paper an applicant must demonstrate:

- Knowledge of appropriate set of notions and terms;
- Ability to single out a problem and identify methods for solving it;
- Ability to logically render the essence of issues to be analyzed.

A consultant could be appointed for an applicant for the period of Degree thesis /Term paper preparation.

A scientific supervisor of a course paper could be represented either by a TRIZ lecturer or a consultant appointed by the Council of Expertise-and-Methodology.

An applicant writes his/her Degree thesis /Term paper on approved subject matter either independently or under the guidance of trainer performing the functions of his/her supervisor.

Defense of a Degree thesis and Term paper

- 1. Finished Degree thesis /Term paper must be submitted to scientific supervisor at agreed upon time. The supervisor must prepare a written opinion indicating strong and week aspects of the Degree thesis /Term paper and estimate it by assigning preliminary mark (in points). A Degree thesis /Term paper that does not meet the imposed requirements is returned to the applicant for improvement.
- 2. Degree theses /Term papers, which got a positive opinion, are accepted for discussion at the Council on Expertise-and-Methodology for the purpose of assigning a corresponding level to the applicant.
- 3. The order of certification procedure as applied to Degree thesis /Term paper is described in Regulations on Certification.

Section 2. Structure of Degree theses and Term papers

Compulsory parts of Degree theses and Term papers are:

- 1. Title page;
- 2. Content (Table of contents);
- 3. Introduction;
- 4. Main part;
- 5. Conclusion;
- 6. Bibliography;
- 7. Abstract.

Additional parts of Degree theses and Term papers are:

- 8. Auxiliary indices;
- 9. Appendices.

Section 3. Requirements to presentation of Degree theses and Term papers

A course paper should be presented as a finished training-and-research work in the form of typed text (with drawings, Tables, appendices, etc) on white paper of A4 format (with the text on one side only). Recommended parameters of the page: left and bottom indenture 3 cm, right and top indenture 2 cm, font Times New Roman, size 12-14, single line spacing. Page numbering should be at the bottom part of the page, drawings and Tables should be numbered and have captions. There should be references to used publications in the text of the work. The text should be presented in electronic form. The title page of the original copy should have signatures of the applicant and authorized representative of MATRIZ on certification in the form of a hard copy.

Rules of presenting the appendices

An appendix is a part of the Degree thesis /Term paper, which has additional, usually reference meaning, but which is necessary for an exhaustive coverage of the subject matter. In terms of content, appendices can be rather various: copies of original documents, extracts from reports, separate provisions from instructions and rules, etc. They can take the form of texts, Tables, graphs, and maps. Appendices are presented as a continuation of the Degree thesis /Term paper and are placed on its last pages.

Abstract for Degree theses and Term papers

The abstract is written by an applicant himself/herself. The text of the abstract should include a substantiation of selected subject matter and brief description of main ideas, goals and results of the Degree thesis /Term paper. The volume of abstract is up to 1 page.

Appendix 1. Sample title page

The International TRIZ Association

Degree Thesis (or Term paper) for ... level certification

"Title of the paper"

(Last Name, First name, Patronymic)

Scientific supervisor: level specialist Initials, Last name
The work was defended with the mark of
The work has been accepted for level 2
(Signature of the regional MATRIZ representative)
" " 200 .