**Romanian Open-Source Chatbot**

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Session: June 2024

**ABSTRACT**

**(Arial 20 pt, Bold, Uppercase, Center)**

The abstract is intended to inform about the content of the paper through a brief description of the research of up to one page, the procedures/methods, as well as its results or conclusions. The abstract in Romanian becomes mandatory for works edited in languages other than Romanian and will be written in 12 pt Arial fonts. It will start two blank lines after the heading "ABSTRACT". Before the title, there will be three blank 12 pt. lines.

**ABSTRACT**

**(Arial 20 pt, Bold, Uppercase, Center)**

The English abstract will be on the third page of the manuscript and will synthetically present the paper work. The maximum length of the abstract is one page written with Arial fonts, size 12 pt. The abstract text will begin after two blank lines (size 12pt.) from the “ABSTRACT” title. Before the title there will be left three 12 pt blank lines.

# INTRODUCTION (14 pt, Bold, Uppercase, Center)

Each chapter must have a clear structure, will begin on a new page and will have a title. It will be followed by two blank 12 pt. lines.

## GENERAL INFORMATION (12 pt, Bold, Uppercase, Left)

Each sub-section title (e.g. 1.1 General information) shall begin after a 12 points blank line after the text and shall be followed by a 12 points blank line.

The text of the paper will be *justified*. It is recommended to check the spelling of the text with the help of the speller of the Word program. It is recommended that the thesis paper should not exceed a number of 100 pages, annexes included.

Rules applying to the text of the paper:

1. *Margins of the page* – the following values will be used (Page Setup -> Margins-> Mirror Margins):
   * + interior: 2 cm
     + exterior: 2 cm
     + up: 2,5 cm (header included)
     + down: 2 cm
2. *Line spacing* – the text shall apply a 1.15 line spacing (Format>Paragraph->Line spacing-> 1,15 lines);
3. *Indentation* – text within regular paragraphs will be aligned between the left and the right margins (justified). The first line of each paragraph will have a 1.5 cm indentation (Format-> Paragraph-> Indentation-> Left). There will be an exception for chapter titles, which will be aligned left, just like the titles of the tables and of the figures (see explanations below);
4. *Font* – the 12 points Arial font will be used, as well as the specific **diacritics** of the paper language (e.g.: ă, â, î, ş, ţ – for the Romanian language);
5. *Page numbering* - Page numbering runs from the title page to the last page of the paper, but the page number appears starts on the Introduction page. The page number is inserted at the bottom of the page, centered.
6. *Page header* – it shall be inserted starting with the introduction page and contains, in successive lines, the following text, aligned left and with the size of 8 points: (i) the text *Politehnica University of Timișoara* ; (ii) the name of the program of study and the year of the paper defense; (iii) the name of the candidate (left) and the title of the paper. At the right of the header, the UPT logo may be inserted;

## FIGURES AND PHOTOGRAPHS (12 pt, Bold, Uppercase, Left)

Figures (including images, graphs and screenshots) are numbered in order of their appearance in the paper. Alternatively, figures may be numbered in order in each chapter, including the chapter number. Each figure has a number and a title, which is mentioned under the figure, centered. Where applicable, the source of the figure shall be indicated in brackets after the title of the figure;

All figures and photographs inserted in the paper must be referenced in the text, numbered and titled.

There will be a blank line (Arial 12 pt) between the figure and the text. Figures will be centered.

INT_EXTjoint

Figure 1 – Example of a figure (source: The Scientific Bulletin of the UPT – series Building Engineering – Architecture, issue 2/2010)

## TABLES (12 pt, Bold, Uppercase, Left)

Tables will be numbered in the order in which they appear in the paper. Alternatively, tables can be numbered in order in each chapter, including the chapter number in the numbering. Each table has a number and a title, which is mentioned above the table, in a centered alignment. Where applicable, the data source shall be indicated in brackets after the title of the table.

All tables presented in the paper must be referenced in the text of the paper, must be numbered and accompanied by a title (see example below). If copied figures are used, the source of the photo will be indicated in parenthesis. As far as possible, the usual font (Arial 12 pt) will be kept in the table, but there are also accepted ways to highlight important results (Bold, Italics, etc.)

A blank line (Arial 12 pt) will be left between the text and the table. Tables will be centered.

Table 1. Example of a table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Yield stress, fy [N/mm2] | | Tensile strength, fu [N/mm2] | |
| Element | Mill certificate | Coupon tests | Mill certificate | Coupon tests |
| Beam IPE360 | 285.0 | 329.8 flange  348.4 web | 427.0 | 463.2 flange  464.0 web |
| Column HEB300 | 311.3 | 313.0 flange  341.8 web | 446.0 | 449.8 flange  464.4 web |
| End plate | 281.0 | 248.3 | 424.7 | 416.0 |
| Cover plate | 296.0 | 273.2 | 443.0 | 436.7 |

## FORMULAS (12 pt, Bold, Uppercase, Left)

Formulas used in the text will be numbered in order of appearance in the paper. Alternatively, formulas can be numbered in order in each chapter, including the chapter number. The numbering of formulas is done in round brackets. A blank line (arial 12 pt) will be left between the text and the formula. Formulas will be aligned to the right.

(1)

# CONCLUSIONS (14 pt, Bold, Uppercase, Center)

The paper will end with a chapter of conclusions. It will contain the main results of the work and their practical implications. In the case of diploma projects, the main synthetic data obtained from the design process will be mentioned.

# BIBLIOGRAFIE

At the end of the paper will be given a list of references for the scientific texts consulted during the work. All sources will be listed, including those on the internet. These will be referenced in the text and listed in alphabetical order, as in the examples below.

Bibliography should include all literature titles that have served as a basis for documentation, i.e. authors who have been quoted in the text, in all chapters of the thesis paper.

The Faculty of Automation and Computers requires the use of the IEEE citation style (details [IEEE Citation Guidelines2.doc (ieee-dataport.org)](https://ieee-dataport.org/sites/default/files/analysis/27/IEEE%20Citation%20Guidelines.pdf)), used primarily in scientific publications in the field of IT. The three important parts of the reference are:

• The name of the author indicated as the first initial of the first name, then the full name.

• The title of the article, the patent, the conference paper, etc., in quotation marks.

• The title of the magazine or book in italics

How the reference is written depends on the type of publication, please follow the instructions at the link above carefully.

Each citation should be noted in the text using simple sequential numbers. A number in square brackets, placed in the text of the report, indicates the specific reference. Citations are numbered in the order in which they appear. Once a source has been cited, the same number is used in all subsequent references in the text. No distinction is made between electronic and printed sources, except for the details of the cited references.

Each reference number must be enclosed in square brackets on the same line as the text, before any punctuation mark, with a space before the parentheses.

Examples

„. . .the end of my research [13]. ”

"The theory was first introduced in 1987 [1].

The list of references in the bibliography is composed of all the sources used to document the paper and is made in the numerical order of the citation in the text and not in alphabetical order of the authors.

The identical insertion of a sentence or paragraph shall be made by including the page from the source used, but also by quotation marks and the use of Italics; for sources taken from the Internet, the page addresses shall be included; in the final bibliographic list the works shall be entered in the alphabetical order of the authors' names. For collective works, the rule of alphabetical order applies to the first author.

If websites, magazines or articles are quoted, three asterisks will appear before, and then information on the volume, the issue, the pages consulted, the exact website address of the article, the date of the site visit and the date of downloading, as well as the date of the accessing. Web page addresses will be entered at the end of the list.

The bibliographical sources the author of which cannot be mentioned should be specified as "\*\*\*" followed by the name of the article and/or book, the publishing house and the place of appearance (for books), the volume, the issue, the first and last page of the quoted work, and the year of appearance.

\*\*\* https://ro.wikipedia.org/wiki/Motor\_cu\_reac%C8%9Bie accessed February 2022)

The last page of the thesis paper shall contain the „Statement regarding the authenticity of the thesis paper”, in handwriting, filled in according to the UPT’s requirements. The Statement shall be downloaded from the web, at:

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