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Title (Times New Roman, 14 pt bold)

Name of first author1, name of second author2[[1]](#footnote-2), … and name of last authorn

1. Address of first author (Times New Roman, 9 pt)
2. Address of second author (use one number for the same addresses)

**Abstract**

Direct descriptions about the subject of article and main objectives achieved will be presented here. Avoid general discussions and introductions in the abstract section. The text of abstract should be justified using the font “Times New Roman, 11 pt” at 3.5 cm distance from the edge of paper. Abstract must contain only one paragraph (between 100 to 170 words) with no cited references.

*Keywords:* 3 to 7 keywords separated by comma (,)

# Introduction (Heading 1: Times New Roman, 13 pt bold)

The main text of article should be justified and set to Times New Roman 12 pt. First line of each paragraph must be indented at 1 cm. Use 1.25 line spacing and 10 pt spacing between paragraphs. In this template, select the desired format from the “styles” section for a complete match of the prepared paper with the acceptable format. This template is designed to help the authors achieve right format. Section 2 shows the format of numbering for sections and subsections.

# Title of section (Heading 1 style)

Text (‘Normal’ style)

## Title of subsection (Heading 2: Times New Roman 12 pt bold italic)

Text

## Title of subsection

Text

### Title of subsection (Heading 3: Times New Roman 12 pt italic)

Text

# Footnotes

Footnotes should be added at the bottom of page aligned at the left, numbered sequentially (restart each page). Use the font Times New Roman 10 pt for footnotes. (example: UNIFAC[[2]](#footnote-3), GA[[3]](#footnote-4)).

# Symbols and units

All of the symbols (including mathematical variables) should be introduced in a suitable form. After introducing one or more symbol in the text, immediately introduce them to make the reader familiar with the notation. If it is necessary, add a “List of Symbols” section after conclusions and before references. The units must adhere to the SI system.

# Formulas and mathematical equations

All mathematical expressions should adhere to the “Microsoft Equation” standard (default for MS Word and MathType). The use of MathType software is suggested. The formulas which are written in a separate line should be aligned at center and numbered in parenthesis at the right end of the line. Note these examples:

 (1)

 (2)

# Tables and figures

All tables and figures must be numbered and captioned. Each table or figure must be aligned at the center of page. Insert the caption of a table above it and the caption of a figure under it. The texts inserted in tables should be set to Times New Roman 11 pt. caption of a table or figure must be Times New Roman 11 pt bold. Note these examples:

Table 1. Critical constants of substances [1]

|  |  |  |  |
| --- | --- | --- | --- |
| Substance | Tc (K) | Pc (bar) | ω |
| Methane | 190.56 | 45.99 | 0.011 |
| Ethane | 305.32 | 48.72 | 0.099 |



Figure 1. pressure-equilibrium composition diagram for  
 the mixture isobutane+carbon dioxide

# Conclusions and Appendices

The conclusion section is of great importance and must be included in the article. One or more appendices can be considered for tables, figures, and expressions which are not essential in the main text of article. Appendices must be numbered alphabetically (A, B, C, …). Numbering is not needed if there is only one appendix.

# References

The citations in the article should be numbered in the order they appear in text. For example: “according to … *et al*. [3] it can be concluded that …”. Also note the citation style for figures and tables in the previous examples. All citations should be introduced in the last section under the title “References”. References should be typed as main text (Times New Roman 12 pt). To cite a book, like example 1, use the following order: 1. Name of all authors separated by comma (,); 2. Title of book; 3. Publisher; 4. Publication year (in parenthesis). To cite a journal paper, like example 2, use the following order: 1. Name of all authors separated by comma (,); 2. Title of paper; 3. Journal name abbreviation; 4. Volume, first page number, last page number; 5. Publication year (in parenthesis). To cite a paper presented at a conference, follow the instructions for a journal paper, except instead of “journal title, volume, and page number” use the name of conference and its location. Citing a university thesis is like a book, except instead of the publisher name use the university name. In case of citing web pages, the complete address and date of accessing page must be included.

1. B.E. Poling, J.M. Prausnitz and J.P. O’Connell; “The properties of gases and liquids”, fifth ed.; McGraw Hill (2001).
2. D.Y. Peng and B. Robinson; “A new two-constant equation of state”; Ind. Eng. Chem. Fundam. **15**, 59-64 (1976).
3. A. lastname, A. lastname, … and A. lastname; “Article title”; presented at the first technical conference of thermodynamics, Isfahan university, Novmber 1 (2007).

1. Corresponding author. Email: AAA@Uni.ac.ir [↑](#footnote-ref-2)
2. UNIversal Functional Activity Coefficient [↑](#footnote-ref-3)
3. Genetic Algorithm [↑](#footnote-ref-4)