Title of Paper Submitted to AL-MUHANDIS Journal (JMISE)

**ABSTRACT**

These instructions give you guidelines for preparing the paper. Use this document as a template if you are using Microsoft Word 2010 or later. The format of this paper is A4 size, two columns text with top and bottom margins are 1.78 cm whereas the left and right margins are 1.65 cm. The whole document is written with font type “Book Antiqua”. The font size of header is 12, bold (all capitals), while the font size of content is 10, normal. Define all symbols used in the abstract without abbreviations. Do not cite any references in the abstract. The abstract should be self-contained and should not exceed 200 words.

**KEYWORDS**

Exactly 5 terms (no more and no less) and separated by comma.

**NOMENCLATURES**

Cp Specific heat, J/kg.K

h Enthalpy, J/kg

P Pressure, Pa

T Temperature, K

U Overall heat transfer coefficient, W/m2.K

**ARTICLE INFO**

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1. **Introduction**

Table 1. Properties and units

|  |  |  |
| --- | --- | --- |
| Symbol | Quantity | Conversion |
| Φ | magnetic flux | 1 Mx → 10−8 Wb = 10−8 V·s |
| *B* | magnetic flux density | 1 G → 10−4 T = 10−4 Wb/m2 |
| *H* | magnetic field strength | 1 Oe → 103/(4π) A/m |
| *m* | magnetic moment | 1 erg/G = 1 emu  → 10−3 A·m2 = 10−3 J/T |
| *M* | magnetization | 1 erg/(G·cm3) = 1 emu/cm3  → 103 A/m |

Select an appropriate name on the section and highlight a paragraph that you want to designate with this style. The style will adjust your fonts and line spacing. Do not change the font sizes or line spacing to squeeze more text into a limited number of pages.

1. **Procedure**
   1. **Instructions**

You should follow the instructions in this template before submitting your ready paper. Go to journal website for more information.

* 1. **Equations**

Mention to Certain equation consecutively with equation numbers in parentheses, as in (1). Be sure that the symbols in your equation have been defined. Punctuate equations when they are part of a sentence, as in

 (1)

* 1. **Figures**

Format your graphic images using a suitable graphics processing, as shown in Figure 1.



Figure 1. Differential relay characteristics

* 1. **Tables**

Use the format shown in Table 1 to design the necessary tables required in the article.

* 1. **Units**

Use SI (MKS) as primary units. English units may be used as secondary units (in parentheses). For example, write “15 Gb/cm2 (100 Gb/in2).” An exception is when English units are used as identifiers in trade, such as “3½-in disk drive”. Use the center dot to separate compound units, e.g., “kg.m2”. Use a zero before decimal points: “0.25,” not “.25.” Use “cm3,” not “cc.” Indicate sample dimensions as “0.1 cm × 0.2 cm,” not “0.1 × 0.2 cm2.” The abbreviation for “seconds” is “s,” not “sec.” Do not mix complete spellings and abbreviations of units: use “Wb/m2” or “webers per square meter,” not “webers/m2.” When expressing a range of values, write “7 to 9” or “7-9,” not “7~9.”

* 1. **Abbreviations and Acronyms**

Define abbreviations and acronyms the first time they are used in the text, even if they have already been defined in the abstract.

* 1. **Citations**

Citations of the references adopted are based on APA system. You need to include the author’s name and the year of publication, for example (Garrett 2011), within the text at the point where you discuss their ideas (Literature Review). Otherwise, in the context, you can use the number of the reference, for example [6] to cite for it.

1. **Conclusion**

This should clearly explain the main conclusions of the work highlighting its importance and relevance. Do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

1. **References**

[1] L. Lombard, J. Ortiz, C. Pout, A review on buildings energy consumption infor-mation, Energy and Buildings 40 (2008) 394–398.

[2] X.F. Kong, S.L. Lu, P. Gao, N. Zhu, W. Wu, X.M. Cao, Research on the energyperformance and indoor environment quality of typical public buildings in thetropical areas of China, Energy and Buildings 48 (2012) 155–167.

[3] X.F. Kong, S.L. Lu, Y. Wu, A review of building energy efficiency in China during“Eleventh Five-Year Plan” period, Energy Policy 41 (2012) 624–635.

[4] Z.G. Zhang, G. Shi, S. Wang, X. Fang, X. Liu, Thermal energy storage cementmortar containing n-octadecane/expanded graphite composite phase changematerial, Renewable Energy 50 (2013) 670–675.

**Acknowledgment**

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