**IJESRT**

**International Journal of Engineering Sciences & Research Technology**

**PAPER TITLE ( 12pt Times New Roman, Bold, Center Aligned)**

**Correspondence Author \*, Co-author(11pt Times New Roman, Bold, Center)**

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**DOI**: Will get Assigned by IJESRT Team

**ABSTRACT**

An abstract of no more than 200 words (10pt Times New Roman, Justified).

**KEYWORDS**: 2-6 Keywords are required (10pt Times New Roman, Justified).

**INTRODUCTION**

All content should be written in English and should be in 1 column.

* Page type will be A4 with normal margin, word spacing should be 1.
* No space will be added before or after paragraph.
* This section should be typed in character size 10pt Times New Roman, Justified.

**MATERIALS AND METHODS**

**Subheading**

Subheading should be 10pt Times new Roman, justified.

This section should be typed in character size 10pt Times New Roman, Justified

**Figure**:

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***9pt Times New Roman, Bold, Italic***

***Sub-subheading***

Sub-subheading should be 10pt Times new roman, Italic, Justified.

**RESULTS AND DISCUSSION**

The results and discussion may be combined into a common section or obtainable separately. They may also be broken into subsets with short, revealing captions.

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**Formulae:**

Ra=Raia+ia$\frac{di\_{a}}{dt}+M\_{ab}\frac{di\_{b}}{dt}+M\_{ac}\frac{di\_{c}}{dt}+a\_{a}$ (1)

Rb=Rbia+ib$\frac{di\_{b}}{dt}+M\_{ba}\frac{di\_{a}}{dt}+M\_{bc}\frac{di\_{c}}{dt}+a\_{b}$ (2)

Rc=Rcic+ic$\frac{di\_{c}}{dt}+M\_{ca}\frac{di\_{a}}{dt}+M\_{cb}\frac{di\_{b}}{dt}+a\_{c}$ (3)

**Tables**:

***Table 9. Comparison table for motoring mode***

|  |  |  |  |
| --- | --- | --- | --- |
|  |  PI | PID | FUZZY |
| SPEED(rpm) | 1500 | 1500 | 1500 |
| Settling time of speed | 0.8 | 1.8 | 0.4 |
| Speed fluctuations | ±20rpm | ±10rpm | - |
| Torque ripples | ±6 | ±0.5 | ±0.05 |

**CONCLUSION**

This fragment should obviously state the foremost conclusions of the exploration and give a coherent explanation of their significance and consequence.

This section should be typed in character size 10pt Times New Roman, Justified

**ACKNOWLEDGEMENTS**

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