# TITLE OF THE PAPER

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## ABSTRACT

Write an abstract of the paper in not more than 150 words. The abstract should contain information about the problem statement, methodology followed, key results and major conclusions. It should not contain any equation or reference. It is preferable that abbreviations and acronyms are avoided in the abstract. In case they are absolutely necessary, the full form should be stated first, followed by the abbreviation or acronym in bracket.

***Keywords:*** *Mention 3 – 5 keywords*

## NOMENCLATURE

The nomenclature should contain list of symbols in alphabetical order with capital letters followed by lowercase letters. Subsequent to that Greek alphabets in alphabetical order, superscripts and subscripts in that order should be placed. The format for the nomenclature is given below. Units in SI system should be mentioned in bracket against each quantity. For dimensionless quantities, the word “dimensionless” should be written in place of unit.

|  |  |
| --- | --- |
| *Wi* | Weight matrix for layer i |
| *bi* | Bias vector for layer i |
| *L*  *̂yi*  *yi*  *f(.)* | Total number of layers in the ANN (including input and output layer)  Predicted temperature for the ith sample  Ground truth temperature for the ith sample  Activation function |
| **Greek Symbols** | |
| *δ* | Huber loss transition point  (smoothness parameter) |
| *LHuber*  *η* | Huber loss function used for training  Learning rate for the Adam optimizer |
| **Superscripts** | |
| (*n*) | nth iteration |
| **Subscripts** | |
| *a* | Air |

## INTRODUCTION

The complete paper including references should not exceed 4 pages including references, acknowledgement and appendices, if any and should be divided into several numbered sections and sub-sections like “Problem Formulation”, “Results and Discussions”, “Conclusions” etc. The recommended sequence of sections should be abstract, keywords, nomenclature, introduction, analysis and/or experimental procedure, results and discussions, conclusions, acknowledgement (if any), references and appendix (if any). It is recommended that the papers contain only a brief introduction, a brief description of the mathematical model and/or experimental techniques, salient results and discussions and major conclusions. **Authors would be solely responsible for obtaining required permissions for use of all copyrighted materials (including those authored by them) and acknowledging the source appropriately in the paper.** Each paragraph should start with an indent of 5 mm and should be written both sides justified in Times New Roman Font with a font size of 10 points and single spacing.

Sections and sub-sections may be created according to necessity as follows.

## BODY OF THE PAPER

The body of paper should contain the relevant details with use of necessary sub-sections as follows.

### Sub-section under Section 1

The sub-sections should be numbered as shown above.

## EQUATIONS

Equations should be written using MS-Equation editor. The equation should be typed within the space for text. In exceptional cases, large equations may be written spanning both the columns. In such cases, a separate section should be created for the particular equation and that section should have a single column format. While writing equations, all vectors and tensors should be written using bold font and scalars using italicized normal fonts. An example is given below.

(1)

Equations should be referred to in the text as Eq. (1) in the middle of a sentence and as Equation (1) at the beginning of the sentence.

## FIGURES

Figures should be pasted within the text column as follows. They are to be preferably placed at the beginning of or at the end of a column as close as possible to the text associated with them.



**Fig. 1: Yearwise distribution of the quantity**

The figure caption should be placed at the bottom of the figure with centre justification. In exceptional cases, large figures may be written spanning both the columns. In such cases, a separate section should be created for the particular figure and that section should have a single column format. The size of the figures and the fonts of the texts should be such that they are clearly legible after pasting. **Colour figures will not be accepted.** Figures should be referred to in the text as Fig. 1 in the middle of a sentence and as Figure 1 at the beginning of the sentence.

## TABLES

Tables should be pasted within the text column as follows.

**Table 1: Yearwise distribution of the quantity**

|  |  |
| --- | --- |
| **Year** | **Number** |
| 2016 | 82 |
| 2015 | 86 |
| 2014 | 65 |
| 2013 | 64 |
| 2012 | 67 |
| 2011 | 56 |

The table caption should be placed above the table with centre justification. The figure/number should be typed within the space for text. In exceptional cases, large tables may be written spanning both the columns. In such cases, a separate section should be created for the particular table and that section should have a single column format.Tables should be referred to in the text as Table 1.

## REFERENCE STYLE

References should be numbered according to their first occurrence in the text and cited giving the last name of the author followed by the reference number in brackets e.g., Hilborn [3]. For papers with two authors, last names of both the authors should be mentioned, e.g., Rees and Pop [4]. For three or more authors, only the last name of the first author followed by et al. should be given, e.g., Sarkar et al. [2].

Reference to journal papers should include authors’ surnames, followed by initials, year of publication, name of the journal (abbreviated according to standard practice), volume number, and numbers of first and last pages. Reference to publications in conference proceedings should include surname(s) of author(s), followed by their initial(s), year of publication,paper/ page number, name of the conference, dates, place and country. Reference to books should include surname(s) of author(s), initial(s), year of publication, title of the book, edition of the book, place of publication, name of publisher, and pages referred to. Reference to book chapters should include: surname(s) of author(s), initial(s), year of publication, title of chapter, title of the book, edition, initial(s) and name(s) of editor(s) (if any), name of publisher,place of publication. Reference to thesis should include the surname of the author, followed by initials, the title of thesis, year of publication, the degree for which submitted, the name of university and the city and country where located. For articles by DOI, the reference should include the name(s) of author(s), followed by initial(s), year of publication, name of source, and DOI number. For online documents, the reference should include the surname(s) of author(s) followed by initial(s), year, source title, complete web address and date of accessing the site. Representative examples of different types of references are given in the next section.

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