



Instructions and Formatting Rules for MSMAS2018 Authors

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Abstract

The abstract of the manuscript is limited to 200 words in one or two paragraphs, and it cannot contain equations, figures, tables, or references. It should concisely state what was done, how it was done, principal results, and their significance.

Keywords: The author provides up to 5 keywords to help identify the major topics of the paper, separated by semicolon.

1- Introduction

This document provides an example of the desired layout for the 2nd National Conference on Mathematics and Statistics Modelling in Applied Studies and can be used as a template for Microsoft Word versions 2003 and later. The authors should prepare their paper in at most 12 pages and then submit the .pdf and .doc files according to the given directions on the website of conference.

2- Manuscript Preparation

We strongly encourage authors to use this document for the preparation of their manuscript. Please note that if a submitted manuscript is not provided according the formatting rules of the conference (MSMAS2018), then it will not be accepted for a presentation and also for a publication in the proceedings of the conference.

2-1- Page setup

The paper size must be set to **A4 (210x297 mm)**. The manuscript should be written in **one column** and the line distance is **single**.

2-2- Fonts and sizes

Along the manuscript we use the font ‘**Times New Roman**’, but the size of applied font for different sections is as follows:

Table 1: Font sizes applied for different sections

Title of paper	16pt Bold
Name of authors	12pt
Affiliation of authors	10pt
Abstract	11pt
Body text of paper	11pt
Section , subsection	12pt , 11pt Bold
Equations and Math formula	11pt
Caption of Tables and Figures	9pt
References	8pt

2-3- Tables and Figures

The tables and Figures must be appeared at the ‘center of page’. Every table and figure should have a caption appearing at the below. For example see **Table 1** and **Figure 1**.



Figure1: Islamic Azad University, Qaemshahr Branch

2-4- Equations and Mathematical Formulas

For writing mathematical equations you should apply “**Math Type**”. Note that the equations and mathematical formulas must be appeared at the **center of page**. The font **Times New Roman**, with size **11pt Italic** is considered for them. If it is needed, number equations consecutively with equation numbers in parentheses flush with the right margin. See for example **Equation (1)**.



$$\begin{aligned}
 & \min \sum_{i=1}^m \sum_{j=1}^n c_{ij} x_{ij} \\
 & \text{s.t. } \sum_{j=1}^n x_{ij} = a_i, \quad i = 1, 2, \dots, m, \\
 & \sum_{i=1}^m x_{ij} = b_j, \quad j = 1, 2, \dots, n, \\
 & x_{ij} \geq 0, \quad i = 1, 2, \dots, m, j = 1, 2, \dots, n.
 \end{aligned} \tag{1}$$

If an equation is very long, then you can truncate it as follows:

$$\begin{aligned}
 \min H \left(\sum_{i=1}^m \sum_{j=1}^n c_{ij,1} x_{ij,1}, \sum_{i=1}^m \sum_{j=1}^n c_{ij,2} x_{ij,2}, \sum_{i=1}^m \sum_{j=1}^n c_{ij,3} x_{ij,3}, \sum_{i=1}^m \sum_{j=1}^n c_{ij,4} x_{ij,4}, \right. \\
 \left. \sum_{i=1}^m \sum_{j=1}^n c'_{ij,1} x'_{ij,1}, \sum_{i=1}^m \sum_{j=1}^n c'_{ij,2} x'_{ij,2}, \sum_{i=1}^m \sum_{j=1}^n c'_{ij,3} x'_{ij,3}, \sum_{i=1}^m \sum_{j=1}^n c'_{ij,4} x'_{ij,4} \right)
 \end{aligned} \tag{2}$$

2-5- Theorems, Lemmas, Examples, etc.

Take the following format for adding any theorem, lemma and example in the manuscript.

Theorem1. This is a theorem.

Proof. Here the proof of the theorem must be written.

Theorem2. This is the second theorem.

Lemma 1. This is a lemma.

Example1. This is an example.

3- Conclusions

This is a template file for providing a paper for 2nd National Conference on Mathematics and Statistics Modelling in Applied Studies (MSMAS). For getting more information in this respect, the author is referred to the webpage of MSMAS2: msmas.qaemiau.ac.ir.

References

All the references should be written **alphabetically**, as described at the end of this paper. All the references must be cited in the text and the authors should follow the APA.

- [1] A. Author 1, B. Author 2, *Title of the Book*, John Wiley & Sons, pp. 100-105, 2002.
- [2] A. Author 1, B. Author 2, C. Author 3, "Title of the conference paper," *Proceedings of 2nd National Conference on Mathematics and Statistics in Applied Studies, Qaemshahr*, pp. 100-105, 2018.
- [3] A. A uthor 1, B. Author 2, "Title of the journal paper", *Fuzzy Optimization and Modeling*, Vol. 55, No. 1, pp. 12-23, 2018.
- [4] A. A uthor, *Title of Thesis*, Ph.D Thesis, Islamic Azad University, Qaemshahr, Iran, 2018.
- [5]