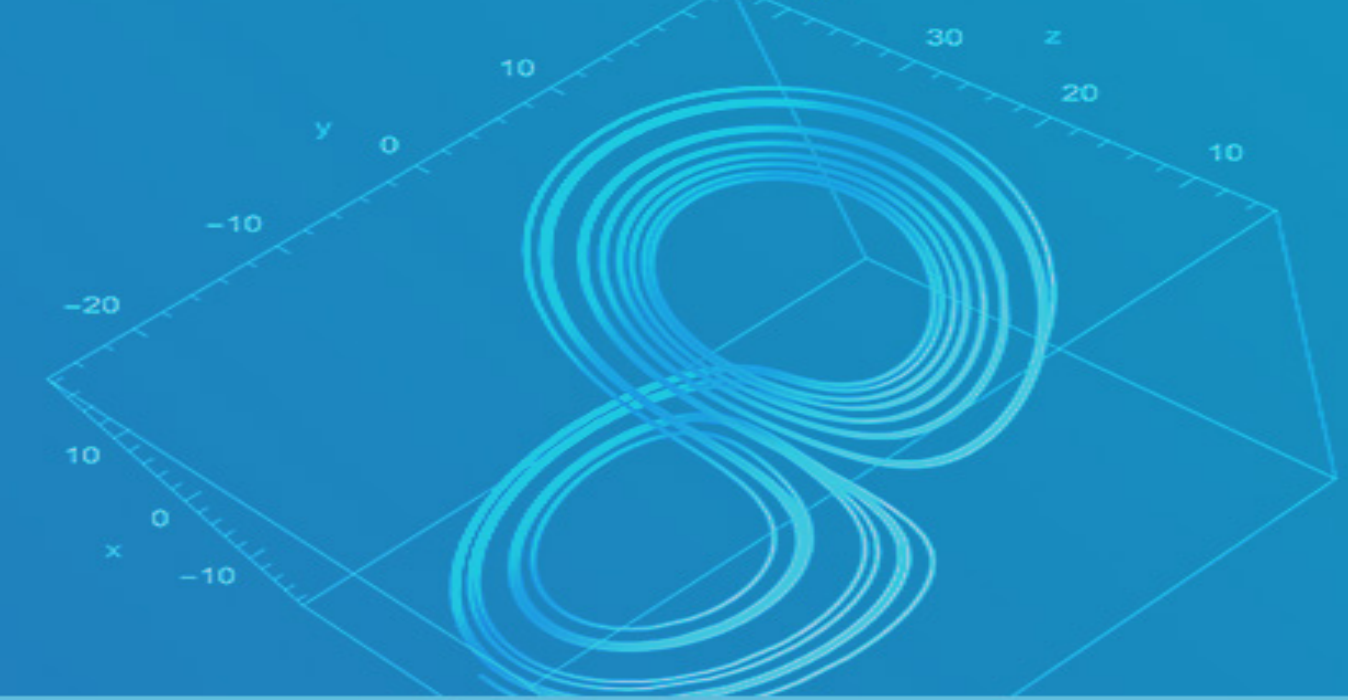


The 17th Seminar on
Differential Equations
& Dynamical Systems



6 - 7 November 2024
University of Mazandaran

Paper Title

1st Author Given Name Surname^a, 2nd Author Given Name Surname^b

¹ Faculty, University, City, Country

² Faculty, University, City, Country

Abstract. This document is a template and already defines the components of your abstract in its style sheet. The abstract should state between 3 and 5 lines the purpose of the research, the problem and experimental approach, the principal results and major conclusions. The author should divide the abstract with the Background, Aim of the study, Materials and Methods, Results, and Conclusions. References should be avoided through the abstract.

Keywords: component, formatting, style, styling, insert (3 to 5 key words)

^aCorresponding author.

^bSpeaker.

SECTION 1

The size of the equations should be proportional to the text. To display relationships and mathematical formulas, follow the example below.

$$u_{xx} + u_{yy} = 0, \quad (1)$$

Using the equation, we have (1)

$$u(x, t) + \alpha u_x(x, t) + \beta u_t(x, t) = 0, \quad (2)$$

$$u(x, 0) = \theta_1(x), \quad u_t(x, 0) = \theta_2(x), \quad a < x < b$$

$$u(a, t) = \psi_1(t), \quad u(b, t) = \psi_2(t), \quad t \in [0, T], \quad (3)$$

For multi-control formulas, proceed as follows:

$$|x| = \begin{cases} x, & x \geq 0, \\ -x, & x < 0. \end{cases}$$

CONCLUSION

In one paragraph (including a maximum of four lines), describe the result of the article. In one paragraph (including a maximum of four lines), describe the result of the article. In one paragraph (including a maximum of four lines), describe the result of the article.

SECTION 2

Each figure should be clear and understandable without the need to read the text of the article. The figures must be prepared in high quality. Shape 1 see.

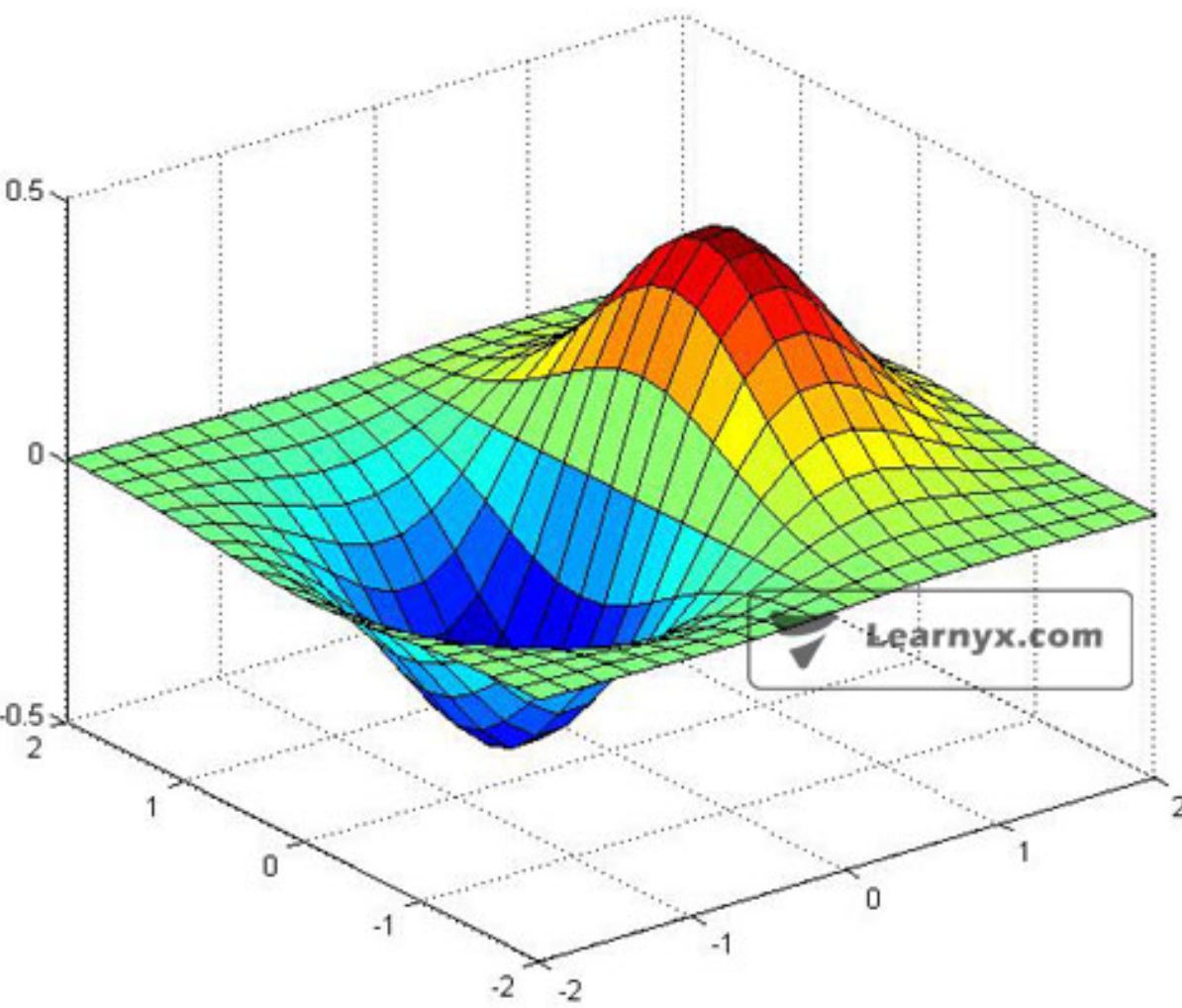


Figure 1: The exact answer of the equation (1).

REFERENCES

[1] Smith, J. M. & Jones, A. B. (2012). *Book Title*. Publisher, 7th edition.
[2] Jones, A. B. & Smith, J. M. (2013). Article Title. *Journal title*, 13 (52):123-456.
[3] Podlubny, I. (1999). *Fractional differential equations* (san diego, ca: Academic).

INTRODUCTION

This template has been prepared for 8-10 February 2023, The 2nd International and 4th National Conference on Biomathematics, University of Mazandaran, Babolsar, Iran. The template, provides authors with most of the formatting specifications needed for preparing electronic versions of their papers in 6 pages. Also, pay attention to the following points:

- The article should include abstract, introduction, main results, conclusion and references and should be arranged in maximum 6 pages according to the specified format.
- Use a semi-space for two-part words.

You will be able to generate different types of mathematical environments such as theorems,

propositions, lemmas, definitions, etc. Consider the following: We state the following theorem.

Theorem 1 *State the case.*

Proof 1 *For more information to [1, 2], [3] be referred.*

Lemma 2 *This environment is related to a lemma.*

Proof 2 *Refer to the reference [2].*

Proposition 2.1 *This environment is related to a proposition.*

Proposition 2.1 It leads to the following result.

Corollary 2.1 *This environment is related to a result.*

SECTION 3

The figure 1 shows the exact answer of the equation (1). An example table is below. Tables, figures, and graphs should be numbered and appear in the same section as they are referenced. For example, see tables 1 and 2.

Table 1: Write the title of the table here.

LTR	Response 1	Response 2	Response 3
1	6.5	3.5	0
20	6.5	3.5	0

- Latin subtitle from the left with Latin numerals

- In Latin subtitles, the first word should start with a Latin capital letter.
- Avoid writing the names of foreign authors in the subtitle. In the text of the article, the name of the foreign author should be written as follows: Powell and his colleagues...

Table 2: Write the title of the table here.

LTR	Response 1	Response 2	Response 3
1	6.5	3.5	0
20	6.5	3.5	0

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