

# PAPER TITLE<sup>1</sup>

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**Abstract:** Please write an abstract of not less than 100 words (up to 300). Abstract should contain the purpose of the research, the methods used in the paper and the description of the obtained results. Abstract should not contain references to the bibliography, and numbered formulas.

**Keywords:** Keyword1, Keyword2, ... . No more than ten keywords must be given.

## 1. Introduction

This article illustrates the preparation of a paper for Ural Mathematical Journal using L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>.

Your paper must be prepared in **English**. To ensure that your paper will be reproduced clearly and in the proper size and form, please observe the following instructions.

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## 2. Sections

Symbols and acronyms should be defined the first time they appear. Use the International System (SI) of units.

**Theorem 1.** *Text...*

**Lemma 1.** *Text...*

**Definition 1.** *Text...*

**Proposition 1.** *Text...*

**Corollary 1.** *Text...*

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<sup>1</sup>This work was supported by ... (project No. NN-N). You may use also Acknowledgments section for this purpose if you wish.

**Hypothesis 1.** *Text...*

**Assertion 1.** *Text...*

**Assumption 1.** *Text...*

*Remark 1.* Text...

*Example 1.* Text...

For example,

**Theorem 2** [7, Theorem 2]. *Theorem text goes here.*

**Theorem 3** (Aubin J.-P., Frankowska H. [2, p. 25]). *Theorem text goes here.*

P r o o f. Proof text goes here. □

P r o o f follows from... □

*Remark 2.* Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

*Remark 3.* Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate eget, arcu.

*Example 2.* In enim justo, rhoncus ut, imperdiet a, venenatis vitae, justo. Nullam dictum felis eu pede mollis pretium. Integer tincidunt. Cras dapibus.

See Remark 3 and Example 2.

## 2.1. Equations

All equations should be centered. The referred equations should be numbered. Use the `equation` environment, like the example given below.

$$\begin{cases} \nabla \times E = -\frac{\partial B}{\partial t}, \\ \nabla \times H = J + \frac{\partial D}{\partial t}. \end{cases} \quad (2.1)$$

Use the `gather` environment when there are consecutive numbered formula, for example

$$\dot{x}(t) = f(t, x(t)) + B(t, x(t))u, \quad x \in \mathbb{R}^n, \quad (2.2)$$

$$x(t) = x_0, \quad x_0 \in \mathcal{X}_0, \quad (2.3)$$

$$t \in [t_0, T].$$

Use the `gather` and `gathered` environments for multi-line formulas, like the examples given below (2.4)–(2.5).

$$\begin{aligned} \|S(t_i, x^h(t_i), r(t_i, x^h(t_i)))\| &= \|S(t_i, x^h(t_i), r(t_i, x^h(t_i)))\| - \\ -S(t_{i-1}, x^h(t_{i-1} + 0), r(t_{i-1}, x^h(t_{i-1} + 0))) &\leq L(t_i - t_{i-1} + \|x^h(t_i) - x^h(t_{i-1} + 0)\|). \end{aligned} \quad (2.4)$$

$$\begin{aligned} 3(a - x) &= 3.5x + a - 1, \\ x &= a + 1. \end{aligned} \quad (2.5)$$

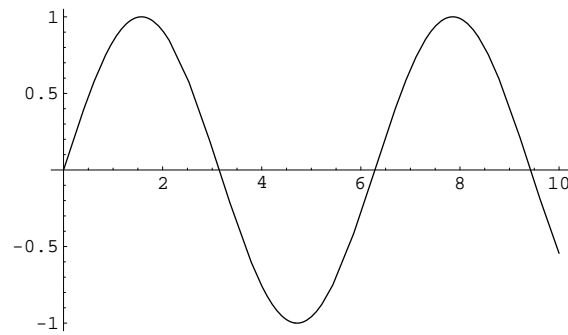


Figure 1. Your picture.

### 3. Illustrations

For the proceedings both color and black-and-white drawings, tables and photographs are acceptable. Please check whether they are still legible when printed. Your illustrations must be placed within the **figure** environment, accompanied by captions and inserted in the text near the place where they are mentioned. Use the same or similar font sizes in your illustrations as in the manuscript. Check whether the smallest lettering, such as subscripts, is still legible. Captions should be made with the `\caption` command and should explain illustrations without a further reading of the paper text.

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### 5. Conclusion

The conclusion summarizes the content and purpose of the paper. Please, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

### Acknowledgements

Acknowledgements (if any) may precede the references.

### References

List all bibliographical references at the end of the paper in the manner shown (listing in alphabetic order with respect to last name of first author). Refer to them in the text as follows: [1–7, 10, 14]; [7, Ch. III, IV]; [13, p. 3]; a complex reference: [2, 10; 13, p. 3; 9, Theorem 2]. All

references mentioned in the Reference List must be cited in the text, and vice versa. Use of DOI is highly encouraged.

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## Appendix

Please avoid using appendices!