Paper title[[1]](#footnote-1)

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*24 September, 2024*

**Abstract**

Text of the Abstract.[[2]](#footnote-2)

## 1 Introduction

Text of the Introduction.

## 2 Title of the second section

Please use the environments below:

**Definition 2.1.** *Text of this definition.*

**Notation 2.2.** *Text of this notation.*

**Theorem 2.3.** *Text of this theorem. Use the mathematical formulas in the text as .*

*Text of this math equation without counting*

*Text of this math equation with counting, like .* (1)

*Use the math formulas in the math environment as in equation 1.*

By Theorem 2.3…

**Lemma 2.4.** *Text of this lemma.*

**Proposition 2.5.** *Text of this proposition.*

**Problem 2.6.** *Text of this problem.*

**Corollary 2.7.** *Text of this corollary.*

**Remark 2.8.** *Text of this remark.*

**Example 2.9.** *Text of this example.*

**Exercise 2.10.** *Text of this exercise.*

*Solution.*Text of this solution.□

**Conjecture 2.11.** *Text of this conjecture.*

*Proof.*Text of this proof. □

## 3 Title of the third section

|  |  |
| --- | --- |
| 1 | 2 |
| 3 | 4 |

Table 1. Table caption

By the Table 1…



Figure 1: Figure caption.

By the Figure 1…

Use different kind of lists, for example

* Unordered list,
* Ordered list,
* Hierarchical list.

## 4 Title of the fourth section

Refer to books [1] and articles [2].

**Acknowledgements.** Text of the acknowledgements.

## References

[1] R. L. Graham, J. Nešetřil, S. Butler. The mathematics of Paul Erdős I., Springer, New York, 1., 2013., ISBN: 978-3-642-60408-9, DOI: https://doi.org/10.1007

[2] J. Aczél. Diamonds are not the Cauchy extensionist’s best friend., C. R. Math. Rep. Acad. Sci. Canada, 5(6), 259—254, 1983.

1. This research was supported by the… [↑](#footnote-ref-1)
2. Keywords: math, AMS Subject Classification: AB123, CD567 [↑](#footnote-ref-2)