

Title

AUTHOR 1¹ AND AUTHOR 2²

ABSTRACT. This is a template for a regular article submitted to Carpathian J. Math.

1. INTRODUCTION

This is a template for a regular article submitted to Carpathian J. Math.

2. MAIN RESULT

2.1. Starting point. You can organise the manuscript in as many as necessary sections / subsections.

Definition 2.1. *Definition*

Remark 2.1. *Remark*

Theorem 2.1.

Proof. Proof □

Corollary 2.1 ([1], Theorem 1).

3. NUMERICAL EXAMPLES

Include examples, perform numerical tests and include detailed discussions.

4. CONCLUSIONS

You are advised to emphasize the main merits of your theoretical and practical contributions with respect to existing / related literature on the topic o your research work.

ACKNOWLEDGMENTS

For References, please use abbreviated names of journals, according to MathSciNet and strictly follow the style indicated below.

Received: ??. In revised form: ??. Accepted:
2020 *Mathematics Subject Classification.* code, code.
Key words and phrases.
Corresponding author: Author1; e-mail address

REFERENCES

- [1] Al-Homidan, S. Semi-definite programming for the nearest circulant semi-definite matrix problem. *Carpathian J. Math.* **37** (2021), no. 1, 13–22.
- [2] Țicală, C.; Zelina, I. New ant colony optimization algorithm in medical images edge detection. *Creat. Math. Inform.* **29** (2020), no. 1, 101–108.
- [3] Berinde, V.; Rus, I. A. Caristi-Browder operator theory in distance spaces. *Fixed point theory and graph theory*, 1–28, Elsevier/Academic Press, Amsterdam, 2016.
- [4] Berinde, V. *Iterative approximation of fixed points*. Second edition. Lecture Notes in Mathematics, 1912. Springer, Berlin, 2007.

¹ ADDRESS AUTHOR 1

Email address: E-mail Author 1

² ADDRESS AUTHOR 2

Email address: E-mail Author 2