

The 4th Seminar on Operator Theory and its Applications
7-8 March 2018, University of Bojnord, Iran

TITLE OF THE PAPER

FIRST AUTHOR¹ AND SECOND AUTHOR^{2*}

¹ *Department of Pure Mathematics, University of Bojnord, Iran;
f.author@ub.ac.ir*

² *Department of Mathematics, Ferdowsi University of Mashhad, Iran.
s.author@um.ac.ir*

ABSTRACT. The abstract should contain 5 up to 10 lines. The numbered displayed formulas, figures, tables and references should not be included in the abstract. The **abstract should be informative** so that it briefly describes the research works of the author(s).

1. INTRODUCTION

The article should contain at least 3 and at most 5 pages. Here you should bring the preliminaries, terminologies, historical background, definitions and some of the known results.

For the invited speakers there is no limit for the number of pages.

Definition 1.1. ...

Definition 1.2. ...

Proposition 1.3. ...

Theorem 1.4. ...

Example 1.5. ...

2010 *Mathematics Subject Classification.* Primary 47A64; Secondary 26D15, 39B52.

Key words and phrases. Self-adjoint operator, positive mapping, Hilbert space.

* Speaker.

Remark 1.6. ...

Theorem 1.7. ...

Theorem 1.8. ...

2. MAIN RESULTS

Here you should present some preliminaries and then bring your main results, but it is not necessary to present the proofs. However, you may briefly present some parts of the proofs, if the number of pages is not more than 4. You may also bring some remarks and examples. Instead of the Main Results in the title of section 2, you may write any title you wish, which is related to your research works. You may also add more sections if you prefer.

Definition 2.1. ...

Proposition 2.2. ...

Proof. If you prefer to present a short proof. □

Theorem 2.3. ...

Proof. If you prefer to present a short proof. □

Example 2.4. ...

Acknowledgement (If you wish)

In the following, references should appear alphabetically, by the family names of the first authors. The number of main references should not be more than 5.

REFERENCES

- [1] Author's name(s), Title of the paper, *Journal's name*(in Italic) **Vol.** ... (the year of publication), pages.
- [2] Y. Lim and M. Pálfia, *Matrix power means and the Karcher mean*, J. Funct. Anal., **262**(2012), 1498–1514.
- [3] H. G. Dales, *Banach Algebras and Automatic Continuity*, Clarendon Press, Oxford, 2000.
- [4] T. J. Ransford, A short proof of Johnson's uniqueness-of-norm theorem, *Bull. London Math. Soc.* **21**(1989), 487-488.