

# BRIEF TEMPLATE

XXXX, YYYY<sup>1,2</sup> — XXXX, YYYY<sup>2</sup> — XXXX, YYYY<sup>2</sup>

<sup>1</sup>University, city, Country

<sup>2</sup>University , City, Country

ABSTRACT. some paterns how to write texts and formulas for the journals Tatra Mountains Mathematical Publications and Uniform Distribution Theory. Read <http://tatra.mat.savba.sk/> INFO FOR AUTHORS.

Do not use predefined symbols in abstract. Be so kind and if it is possible do not use complicated formulas in abstract. Be so kind and do not use [3] but write whole reference in abstract.

*Communicated by ???*

## 1. Introduction

This text is just to help you write text to the journal Tatra Mt. Math. Publications.

Be so kind and do not use figure or table in the first page.

### 1.1. Subsection

**THEOREM 1.1.** *How to write author's name with item of references in text author's Surname [3]*

*Differences in the views of formulas in text and centered formulas. dt, d, dx, cos. Big spaces: quad and qquad in centered formulas.*

$\times, \cdot$ , not .

$+\cdots+$  not ...  $0, 1, \dots, d-1$ , not ...

---

© 2022 Mathematical Institute, Slovak Academy of Sciences.

2020 Mathematics Subject Classification: ??? ...

Keywords: ??? ...

Supported by the Grant ???, n. ???.

Licensed under the Creative Commons Attribution-NC-ND4.0 International Public License.

$$\left((2(3+3))_{\alpha}\sum_1^0\right)\int_0^1\cos^2,\prod_0^1$$

*Some differences in views of centered formulas*

$$\left((2(3+3))_{\alpha}\sum_0^1\beta\right)\cdots,$$

(1)

$$\left((2(3+3))_{\alpha}\int_0^1\right),$$

(2)

$$\left((2(3+3))_{\alpha}\prod_1^0\right).$$

(3)

**LEMMA 1.2.** *Theorem style — the text is in italics*  
Use labels for environments *Lemma, Theorem ...; equation, align, multiline ...*, *figure, table, e.g.*,  
*equation (3), Fig. ??, Table 1*  
.....  
.....

**COROLLARY 1.3.**

- a) *aaa*,
- b) *bbb*,
- c) *ccc*.
- 1. *Aaa*.
- 2. *Bbb*.
- 3. *Ccc*.

**Notes:** *Aaa*.  
**Notes:** *Bbb*.  
**Notes:** *Cccc*.

- 1.
- 2.
- 3.

**DEFINITION 1.4.** definition style — the text is in roman In lists use correctly

EXAMPLE. xyz

**REMARK 1.** xyz

Title of the proof if any. xyz

Proof of Lemma 1.2. xyz

□

□

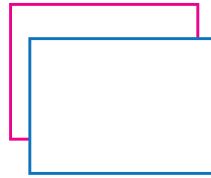


FIGURE 1. fig0001; a caption is placed below the picture.

TABLE 1. table001; a caption is placed above the table.

Xxxxx	Xxxxx	Xxxxx	Xxxx	Xxxx	Xxxx
Xxxxx	aaa	bbb	ccc	ddd	eee
Xxxxx	aaa	bbb	ccc	ddd	eee

**ACKNOWLEDGEMENT.** Thanks to ...

## 2. REFERENCES

According with databases:

1. <https://mathscinet.ams.org/mrlookup>
2. <https://zbmath.org/>
3. <https://scholar.google.com/>
4. Abbreviations of Names of Serials

bibliographystylemisas bibliographyxxx If you use one of LaTeXBib style \*.bst, e.g., (plain,amsplain,alpha) . . . , it can be compiled using misas.bst - convenient for Tatra and UDT journals.

References directly written with the paper use the following patern:

## REFERENCES

- [1] BECK, J.: *From Khinchin's conjecture on strong uniformity to superuniform motions*, *Mathematika* **61** (2015), 591–707.
- [2] BECK, J.: *Strong uniformity*. In: *Uniform distribution and quasi-Monte Carlo methods*, Radon Ser. Comput. Appl. Math., Vol. 15, De Gruyter, Berlin, 2014. pp. 17– 44.
- [3] BELOZEROV, V. E.—VOLKOV, S. A.: *A Geometric Approach to the Stabilization of Control Systems*. Ed. of Dnipropetrovsk National University, Dnepropetrovsk, 2006.
- [4] BERNSTEIN, D. J.—LANGE, T.—PETERS, C.—SCHWABE, P.: *Faster 2-Regular Information-Set Decoding*. In: *Coding and Cryptology: Third International Workshop, IWCC 2011, Qingdao, China, May 30-June 3, 2011. Proceedings* (Y. M. Chee, Z. Guo, S. Ling, F. Shao, Y. Tang, H. Wang, C. Xing, eds.), Springer-Verlag, Berlin, 2011. pp. 81–98.
- [5] GRAF, S.—LUSCHGY, H.: *Foundations of Quantization for Probability Distributions*. In: *Lecture Notes in Math. Vol. 1730*, Springer, Berlin, 2000.
- [6] KHUSAINOV, D. Y. ET AL.: *Linear Dynamical Systems with After-effect*. KNU, Kiev, 2015. (In Russian)
- [7] KHUSAINOV, D. Y.—DZHALLADOVA, I. A.: *Evaluation of stability region of differential systems with quadratic right-hand side*, *Bulletin of Kiev University. Series: Physics and mathematics* **B.3** (2011), 227–230. (In Russian)
- [8] MOTTA, F.—SHIPMAN, P.—SPRINGER, B.: *Optimally topologically transitive orbits in discrete dynamical systems*, *Amer. Math. Monthly* **123** (2016), no. 2, 115–135.
- [9] ZAM, R.: *Lattice Coding for Signals and Networks: A Structured Coding Approach to Quantization, Modulation, and Multiuser Information Theory*. Cambridge University Press, Cambridge, 2014.

Received month day's number, year  
 Accepted month day's number, year

**Capital-small First Name Surname**

*Department of ...*

*Faculty of ...*

*University of ...*

*Street no. ...*

*postal code-city...*

**COUNTRY**

*E-mail: @*

**first name middle name surname**

*Department*

*Faculty*

*University*

*street no.*

*postal-code city*

*Country*

*E-mail: @*

*@*