

UDC xxx

The title of the article**I. I. Ivanov¹, P. P. Petrov²**¹ Derzhavin Tambov State University, Tambov, Russia, kafedra_fa@mail.ru² Lipetsk State Technical University, Lipetsk, Russia, klon@yandex.ru

Abstract. The abstract should in a concise form reflect the subject of research, methods and the results obtained. An abstract may contain formulas. References to bibliography should not be provided in the abstract.

Keywords: starting with lower case, separated by semicolon, dot at the end is NOT needed

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Introduction

In the works

1. Main concepts

Let $\mathcal{D}(\bar{D})$ be the space of restrictions to \bar{D} of functions from $\mathcal{D}(\mathbb{C})$ with the induced topology, and by $\mathcal{D}'(\bar{D})$ the space of distributions on \mathbb{C} with supports in \bar{D} . Consider the inner product with respect to the Lebesgue measure on D :

$$\langle F, f \rangle_D = \int_D F(z) \overline{f(z)} dx dy, \quad z = x + iy. \quad (1)$$

The space $\mathcal{D}(\bar{D})$ can be embedded into $\mathcal{D}'(\bar{D})$ by assigning to $h \in \mathcal{D}(\bar{D})$ the functional $f \mapsto \langle h, f \rangle_D$, $f \in \mathcal{D}(\bar{D})$.

The inner product (1) is invariant with respect to the pair $(R_{\lambda, m}, R_{-\bar{\lambda}-2, m})$:

$$\langle R_{\lambda, m}(g)f, h \rangle_D = \langle f, R_{-\bar{\lambda}-2, m}(g^{-1})h \rangle_D, \quad g \in G. \quad (2)$$

The formula (2) allows to extend the representation $R_{\lambda, m}$ to the space $\mathcal{D}'(\bar{D})$ of distributions on \bar{D} .

Theorem 1. *Theorem "body".*

P r o o f. Roman font ...

Lemma 1. *Lemma "body".*

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Corollary 1. *Corollary "body".*

2. Main results

Theorem 2 (see [1]). *Theorem "body"*.

Assertion 1. *Assertion "body"*.

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Remark 1. Remark "body".

Example 1. Example

Definition 1. [1, Definition 1] Definition

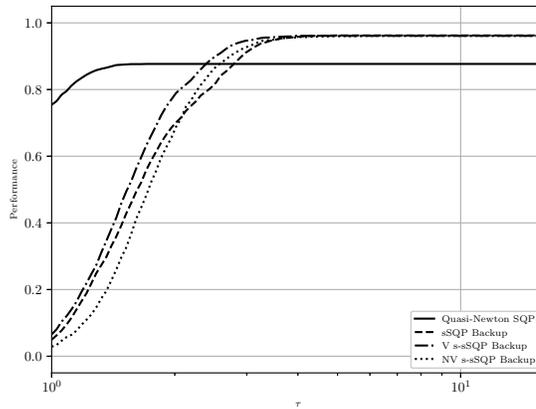
Proposition 1. [2, c. 475] *Proposition "body"*.

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Condition 1. Condition "body".

Property 1. Property "body".

Question 1. Question formulation



Picture 1. Caption

Table 1

The title of the table

Text	Text	Text	Text
Text			

References

- [1] *Arutyunov A.V., Zhukovskiy E.S., Zhukovskiy S.E.* Coincidence points principle for mappings in partially ordered spaces // *Topology and its Applications*. 2015. Vol. 179. № 1. P. 13–33.
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- [4] *Zhukovskiy E.S.* On order covering maps in ordered spaces and Chaplygin-type inequalities // *St. Petersburg Mathematical Journal*. 2019. Vol. 30. № 1. P. 73–94.
- [5] *Benarab S., Zhukovskiy E.S.* On the conditions of existence coincidence points for mapping in partially ordered spaces // *Tambov University Reports. Series: Natural and Technical Sciences*. 2018. Vol. 23. № 121. P. 10–16 (In Russian).

Название статьи

И. И. Иванов¹, П. П. Петров²

¹ ТГУ им. Г.Р. Державина, Тамбов, Россия, kafedra_fa@mail.ru

² ЛГТУ, Липецк, Россия, klon@yandex.ru

Аннотация. Аннотация должна в сжатом виде отражать предмет исследования, методы и полученные результаты. Аннотация может содержать формулы. В аннотации нельзя приводить ссылки на библиографический список.

Ключевые слова: с маленькой буквы через точку с запятой, в конце точку не ставить

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