THE TITLE

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Abstract

the abstract

2000 *Mathematics Subject Classification:* XXXXXX, XXXXX, ...
Key words: term1 (phrase1), term2 (phrase2), ...

1 Introduction

text

2 Main results

$$x + 1 = y \tag{1}$$

From (**??**) we find ...

The sets of numbers (positive integers, integers, rational numbers, real numbers, complex numbers):

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C} \tag{2}$$

3 The case of tubular layers

Definition 1. *We name ...*

Lemma 1. *The following statement holds:*

$$x^2 \geq 0, \ \forall \ x \in \mathbb{R}.$$

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Proof. .....

□

Theorem 1. *Let* $(x_n)_{n \geq 0}$ *be ...*

Proof. .....

□

Corollary 1. *We have:*

$$\begin{vmatrix} a & b \\ 2a - b & a \end{vmatrix} \geq 0, \ \forall \ a, b \in \mathbb{R}.$$

Proof. .....

□

Remark 1. Note that...

From Theorem **??**

References

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