2324-S1: Oude Geschiedenis
Opdracht 2 - werkcollege 3 August 29, 2024

TITLE OF PAPER

FIRST AUTHOR[1] AND SECOND AUTHOR[2*]

Abstract. After the initial acceptance the ddauthor must prepare the manuscript according to the journal's format. Authors should use the following style file as a template. The abstract should be short and concise.

1. Introduction and preliminaries

Here you should state the introduction, preliminaries and your notation. Authors are required to state clearly the contribution of the paper and its significance in the introduction. There should be some survey of relevant literature.

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While you are preparing your paper, please take care of the following:

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(5) Margins: A long formula should be broken into two or more lines. Empty spaces in the text should be removed.

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Date: Received: xxxxxx; Revised: yyyyyy; Accepted: zzzzzz.

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2020 *Mathematics Subject Classification.* Primary 46L55; Secondary 44B20.

Key words and phrases. Analysis, PDEs, algebra, number theory, applied mathematics.

bibliography. References should be listed in the alphabetical order according to the surnames of the first author at the end of the paper and should be cited in the text as, e.g., [2] or [3, Theorem 4.2], etc.

(9) Abbreviations: Abbreviations of titles of periodicals/books should be given by using Math. Reviews, see Abbreviations of names of serials or MRLookup.

2. Main results

Here is an example of a definition.

Definition 2.1. Let A be a C^*-algebra. A mapping $\phi : A \to \mathbb{C}$ is called a positive linear functional on A if it satisfies the following conditions:

(1) $\phi(\alpha x + \beta y) = \alpha\phi(x) + \beta\phi(y)$ for all $\lambda, \beta \in \mathbb{C}$ and $x, y \in A$.
(2) $\phi(x) \geq 0$ for all $a \geq 0$ in A.

Here is an example of a table.

Table 1.

1	2	3
$f(x)$	$g(x)$	$h(x)$
a	b	c

Here is an example of a matrix.

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$$

Here is an example.

Example 2.2. Let A be the C^*-algebra of $n \times n$ complex matrices. Define $Tr : A \to \mathbb{C}$ to be the canonical trace of a matrix. Then we have

$$Tr(\alpha x + \beta y) = \alpha Tr(x) + \beta Tr(y). \tag{2.1}$$

for all $\lambda, \beta \in \mathbb{C}$ and $x, y \in A$. It follows that Tr is linear functional on A.

The following is an example of a theorem and a proof. Please note how to refer to a formula.

Theorem 2.3. *Let G be a finite group acting on a second countable compact Hausdorff space X. Suppose that μ is a finite Borel measure on X. Then the induced bimodule $\mathcal{H}_\mu \times \mathcal{H}_\mu$ has almost central unit vectors.*

Proof. Since f is uniformly continuous on X there exists $\delta > 0$ such that $|f(x) - f(y)| < \epsilon$ for all $x, y \in X$ with $d(x, y) < \delta$. It follows that

$$\begin{aligned} |f(xr) - f(yr)| &= |f(xr) - f(yr)| \\ &= |f(xr) - f(yr)| \\ &< \epsilon \end{aligned} \tag{2.2}$$

for all $x, y \in E_n$, $r \in G$, $n > \frac{2}{\delta}$. Let $\triangle = \{(s, s) : s \in G\}$ be the diagonal of $G \times G$. It follows from Equation (2.2) that $||\pi(f)U(r)\zeta_n - \zeta_n\pi(f)U(r)|| \to 0$ for all $f \in C(X)$, $r \in G$. □

The following is an example of a remark.

Remark 2.4. The purpose of this remark is to refer to the Theorem 2.3. We also want to [3, 4].

Again, note how we refer to Theorem 2.3 and formula (2.1).

Acknowledgement. Acknowledgements could be placed at the end of the text but precede the references.

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