

Here goes the long title, written in sentence-case

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**Abstract.** Here goes the abstract. This should reflect the essence of the paper, and very briefly emphasize the novelty of the provided results. Its length should not normally exceed 13 rows.

**M.S.C. 2010:** 42A20, 42A32.

**Key words:** keywords; phrases.

## 1 Introduction

This should describe the recent achievements obtained worldwide within the topic of the article, the contents of the article and its major new achievements provided.

## 2 The name of the first section

Please note that the title of all sections are written "sentence-case". The normal text within the sections should 1-row vertically spaced (this is the default).

The large equations should be written either as

$$g(x) = \frac{a_0}{2} + \sum_{k=1}^{\infty} a_k \cos kx,$$

or, *only* if they are further referred in text, labeled, as

$$(2.1) \quad h(x) = \frac{a_0}{2} + \sum_{k=1}^{\infty} a_k \sinh kx,$$

with further reference by using the "eqref" command, as (2.1). The citations of articles/books should be inserted in text by using the "cite" command, as (e.g.) [4].

The parentheses of the *inner product* should be written as, e.g.,  $\langle a, b \rangle$ , and *not* as in (e.g.)  $< a, b >$ .

The definitions, remarks, lemmas, theorems, corollaries, etc should be written by using the corresponding AMS environments, e.g., as follows

**Definition 2.1.** Here goes a definition, which - if further referred - can be labeled.

**Remark 2.2.** Here goes a remark - labeled, if further referred. E.g., the previous Definition is Definition 2.1.

**Theorem 2.1.** *Here goes a Theorem - labeled, if further referred.*

*Proof.* As well, the proofs should be written inside the corresponding environment, as shown here. □

### 3 Another section name

Please note that the section name does *not* end with a full stop. The text should **not** contain boldface words (except the implicitly bold Theorem, Definition, etc). Any emphasis should be done via *emphasized* words/phrases.

**Corollary 3.1.** *This is a corollary.*

*Proof.* And its corresponding proof. □

**Acknowledgements.** Here go the acknowledgements, which obviously are not compulsory. They may contain thanks, data for the supporting projects and contracts, etc. Please note that the acknowledgements should should not be included as footnotes and that they are *not* located on the first page.

We include below several formatting rules for the *references*. The entries should be arranged alphabetically, by the family name of the first author. The titles which are issued in a foreign language should be replaced by their English translation (please check the third example).

For the data of an article, please note that:

- each first author name(s) is abbreviated to initials, then immediately follows the first name;
- each author name is followed by comma;
- the title is sentence-case, written in italics, followed by comma;
- the journal has its title abbreviated, normal-case;
- the volume separated by comma go next (their numbers are required only);
- then (not preceded by comma) comes the year, written in parentheses;
- after a comma, comes the range of pages (first-last; without "pp.").

For the data of a book, please note that:

- the author names are displayed like in the case of articles;
- the title is first-caps, written in italics, followed by comma;
- then go the editors, city/cities, year. The "city/cities" field is not compulsory.

We include below several formatting samples for the *references*, and the format for the subsequent *authors' data*.

## References

- [1] R. Bala, B.T. Ram, R.-U. Sam, *Trigonometric series with semi-convex coefficients*, Tamang J. Math. 18, 1 (1987), 75-84.
- [2] B. Ram, *Convergence of certain cosine sums in the metric space  $L$* , Proc. Amer. Math. Soc. 66 (1977), 258-260.
- [3] P.E. Jones, *Algebraic Structures in Relativity Theory and Their Applications*, Springer, 2010.
- [4] N.K. Sedov, *Spectral Approach to Big Data Problems* (in Russian), Fizmatgiz, Moscow 1961.

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