

# Long title 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

The contents of the section should 1-line (default) vertically spaced. 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). Please note that the "eqref" command is *highly non-recommended*. As well, citations of articles/books should be inserted in text by using the "cite" command, as (e.g.) [3].

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.  $\square$

### 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.  $\square$

**Acknowledgements.** Here go the acknowledgements, which obviously are not compulsory. They may contain thanks, contract support, etc. Please note that the acknowledgements should not be included as footnote and that they are *not* located on the first page.

## References

- [1] R. Bala, B. Ram, *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] N.K. Sedov, *Trigonometric Series and Their Applications* (in Russian), Fizmatgiz, Moscow 1961.

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