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#### **Abstract**

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AMS Subject Classification (2020): 00A00, 00B00, 00C00, 00D00, 00E00, 00F00

\*Corresponding author

## 1. This is a numbered first-level section head

This is an example of a numbered first-level heading.

#### 1.1 This is a numbered second-level section head

This is an example of a numbered second-level heading.

## This is an unnumbered second-level section head

This is an example of an unnumbered second-level heading.

## 1.1.1 This is a numbered third-level section head

This is an example of a numbered third-level heading.

**Lemma 1.1.** *Example of the lemma* 

$$\sum f(x) = 0 \tag{1.1}$$

**Definition 1.1.** This is an example of a definition.

*Remark* 1.1. This is an example of a remark element.

**Example 1.1.** This is an example of an example element.

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**Theorem 1.1.** *This is an example of a theorem.* 

**Theorem 1.2** (XXX Theorem). This is an example of a theorem with a parenthetical note in the heading.

#### **Article Information**

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Short title 3

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