

# Title of the article

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## Abstract

We prove a theorem.

## 1 Introduction

It is well known that articles should start with an introduction to the area of study.

## 2 Background

**Definition 2.1** ([SS78]). This is a definition.

**Lemma 2.2.** *This is a lemma.*

**Theorem 2.3.** *Now for the big theorem.*

*Proof.* A simple calculation. □

## References

- [SS78] Lynn Arthur Steen and J. Arthur Seebach, Jr., *Counterexamples in topology*, second ed., Springer-Verlag, New York, 1978. MR MR507446 (80a:54001)