

Free Pizza and Pop

## Noncommutative Algebra?!

## Chelsea Walton

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We prove the following statement.

**Theorem 1**. Noncommutative algebra is a beautiful subject!

*Proof.* The result follows from the lemmas below.

**Lemma 2**. Noncommutative algebra aids in the study of objects arising in nature. In other words the subject goes hand in hand with physics, e.g. with the Uncertainty Principle.

**Lemma 3**. We are already familiar with examples of noncommutative structures. Moreover there exist others that are readily accessible, e.g. the Weyl algebra.

**Lemma 4**. The field has been in existence for quite some time and remains of strong interest to mathematicians. (Representation theory!)

We refer to the talk for proofs of these lemmas.

