Mathematics
None Shall Pass

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QUESTION

What is mathematics?

Question

What is mathematics?

Answer

It's a language!

QUESTION

What is mathematics?

ANSWER

It's a language!

Two kinds of mathematics.

- Statistics

Question

What is mathematics?

Answer

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- Statistics (just kidding)

Question

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Answer

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- Statistics (just kidding)
- Calculus

Mathematics

Question

What is mathematics?

Answer

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Two kinds of mathematics.

- Statistics (just kidding)
- Calculus (not quite, but warmer)

MATHEMATICS

QUESTION

What is mathematics?

ANSWER

It's a language!

Two kinds of mathematics.

- Statistics (just kidding)
- Calculus (not quite, but warmer)
- Pure
- Applied

Applications to the real world

- Engineering

- Physics

- Economics

Applications to the real world

- Engineering

- Physics

- Economics

- "Calculus at work"

Applications to the real world

- Engineering

- Physics

- Economics

- "Calculus at work"

Theoretical

Theoretical (beautiful)

Theoretical (beautiful)

WHAT I STUDY...

Over a field k of characteristic zero, I study both the simplicial structures and the deformation theory corresponding to the higher order Hochschild cohomology of a necessarily associative and commutative k-algebra A (that has multiplicative unit) with coefficients in the A-symmetric A-bimodule M over the d-sphere, for any $d \geq 1$.

Theoretical (beautiful)

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- Unreadable
- Inaccessible
- Still beautiful

They're needed!

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- They tell us stuff (the words describe properties)

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- Complicated?

They're needed!

- They tell us stuff (the words describe properties)
- Complicated?

Thank You!