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Proof of the Mai Theorem

## There Is No Largest Prime Number With an introduction to a new proof technique

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## Results

Proof of the Main Theorem



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There Is No Largest Prime Number The proof uses reductio ad absurdum.

## Theorem

There is no largest prime number.

## Proof.

- 1. Suppose p were the largest prime number.

- 4. Thus q + 1 is also prime and greater than p.

