



This is a \LaTeX beamer theme
for European Commission

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European Commission
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Introduction

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.

There Is No Largest Prime Number

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Proof.

1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.

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1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.
3. Then $q + 1$ is not divisible by any of them.

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.
2. Let q be the product of the first p numbers.
3. Then $q + 1$ is not divisible by any of them.
4. Thus $q + 1$ is also prime and greater than p . □

Colors

European Commission colors

Available colors in this theme

1. ecmain

European Commission colors

Available colors in this theme

1. `ecmain`
2. `ecaccentyellow`

European Commission colors

Available colors in this theme

1. `ecmain`
2. `ecaccentyellow`
3. `ectext`

European Commission colors

Available colors in this theme

1. `ecmain`
2. `ecaccentyellow`
3. `ectext`
4. `ecbackgroundgrey`

European Commission colors

Available colors in this theme

1. `ecmain`
2. `ecaccentyellow`
3. `ectext`
4. `ecbackgroundgrey`
5. `ecbackgroundblue`

Thank you



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