

Délimitation d'espèces au sein du complexe de plantes des Alpes, *Primula pedemontana* s.l.

Maxime Jaunatre, Master 1 BEE Grenoble

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There Is No Largest Prime Number

The proof uses *reductio ad absurdum*.

Theorem

There is no largest prime number.

- 1 Suppose p were the largest prime number.
- 2
- 3
- 4 But $q + 1$ is greater than 1, thus divisible by some prime number not in 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.
- 4 But $q + 1$ is greater than 1, thus divisible by some prime number not in the first p numbers.



A longer title

```
1  tadaaa = function(fame = 9000, class = "hero"){  
2  #et ouai ca marche ma gueule  
3  print("youpi")}
```