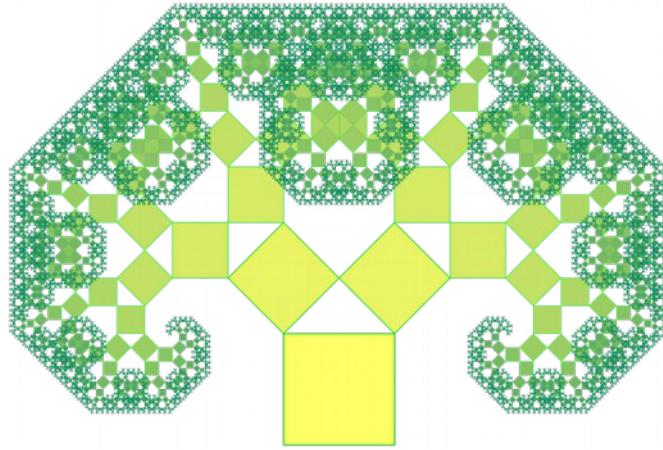


## Pythagoras tree



What is a Pythagoras tree ?

[http://en.wikipedia.org/wiki/Pythagoras\\_tree\\_%28fractal%29](http://en.wikipedia.org/wiki/Pythagoras_tree_%28fractal%29)

Let's have fun with fractals !

- In the nature : <https://www.youtube.com/watch?v=RZL0SLf04yM>
- with softwares :
  - <https://www.youtube.com/watch?v=tNbeJqmx7ZY>
  - <https://www.youtube.com/watch?v=jEmSxcr-rRc>
- in a funny stop motion : <https://www.youtube.com/watch?v=6EiaCkrKIC8>

What could we realise in our school ?

<http://vimeo.com/96744963>

What about the size of this tree ?

- Let's run simulations with GeoGebra.
- Let's run simulations with a spreadsheet software.