

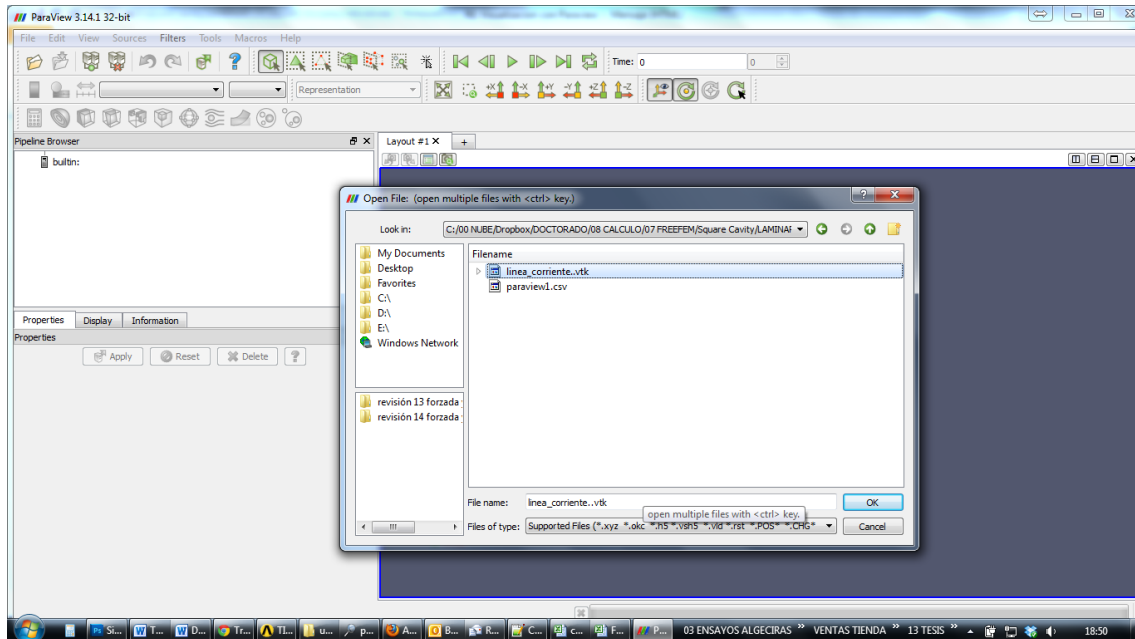
Inside the freefem++ script

```
load "iovtk" //load library of vtk
```

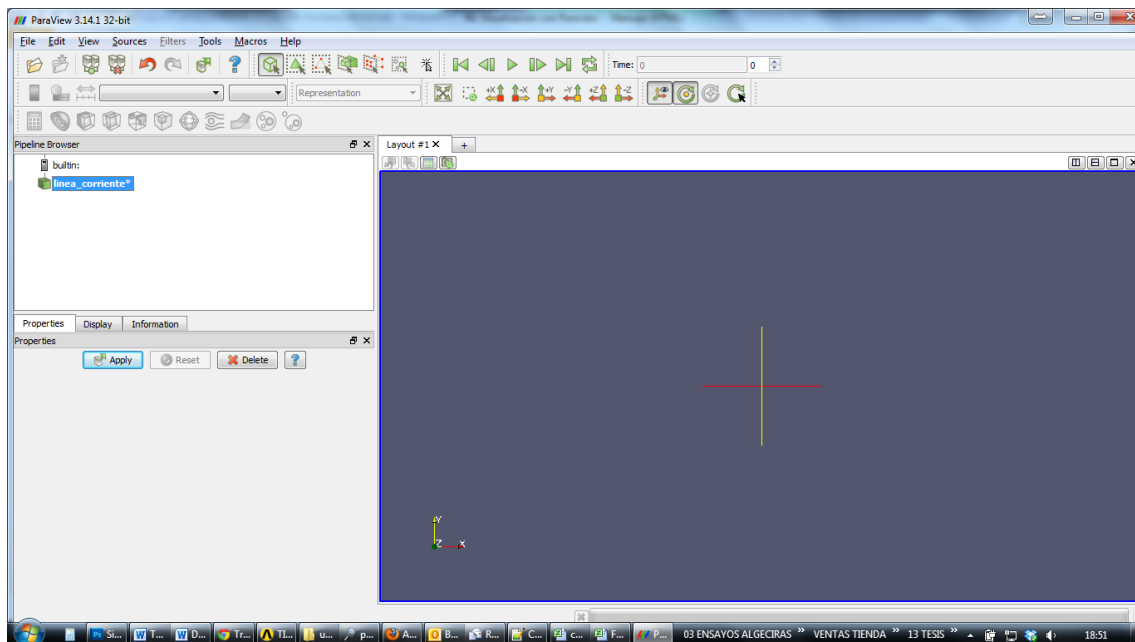
```
savevtk("stream_line"+i+".vtk", th, [u1, u2, 0], p); // saves vtk file for each iteration.
```

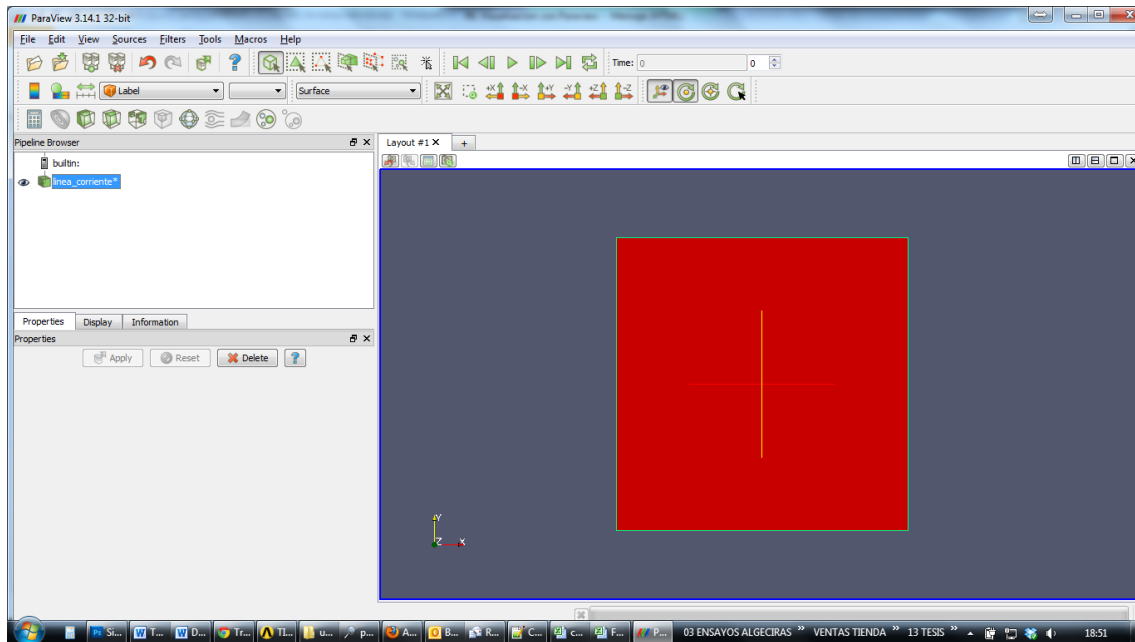
Next with Paraview

Open vtk file.

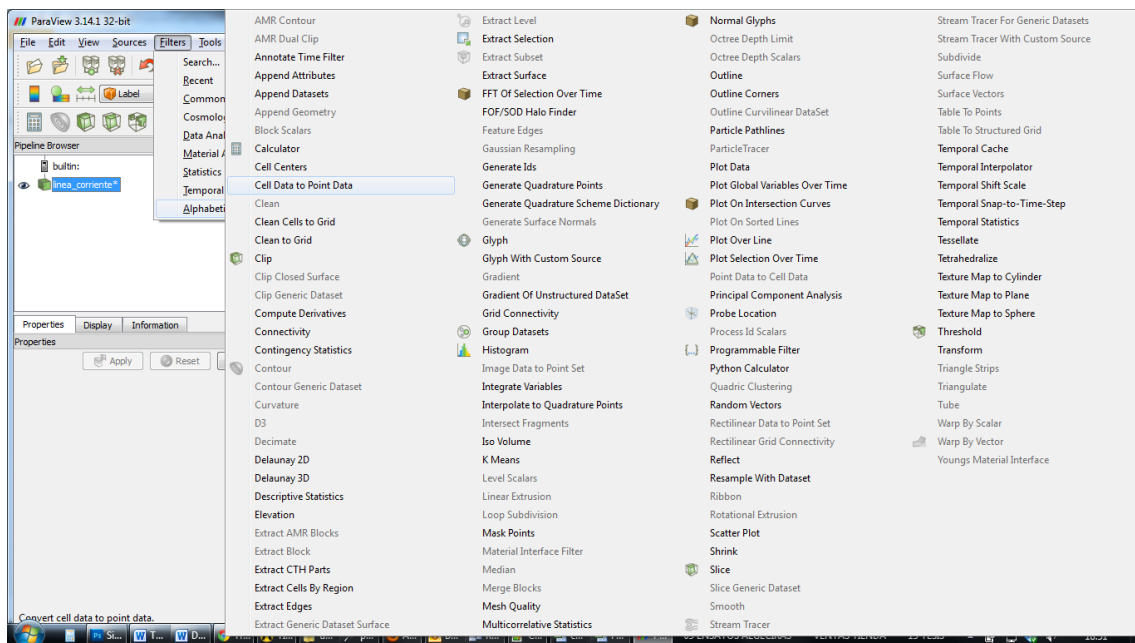


Apply

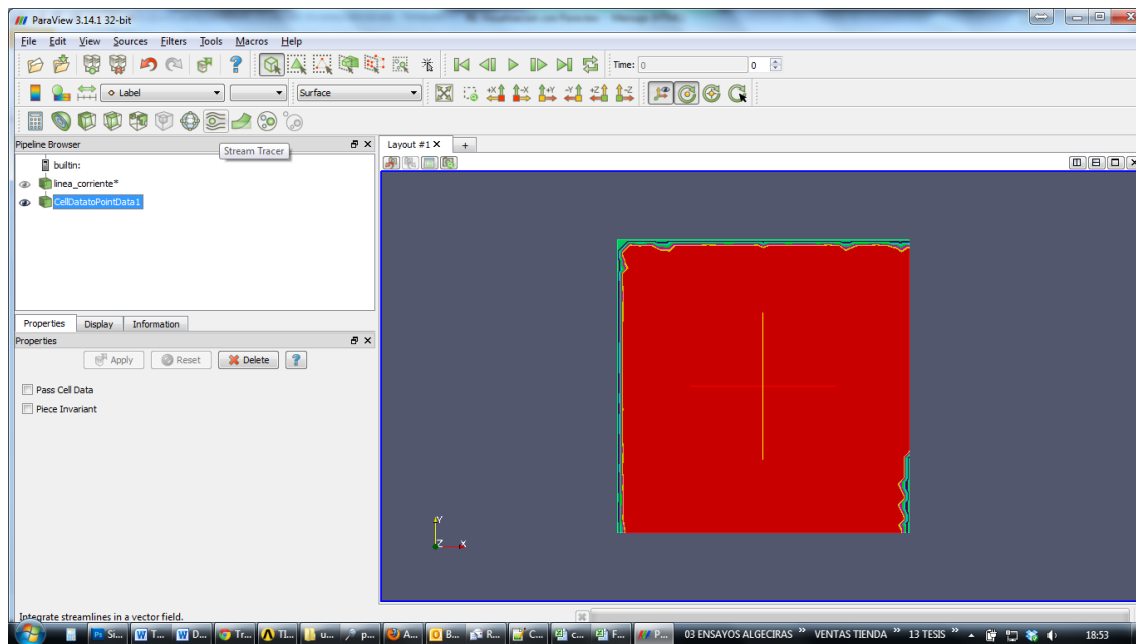




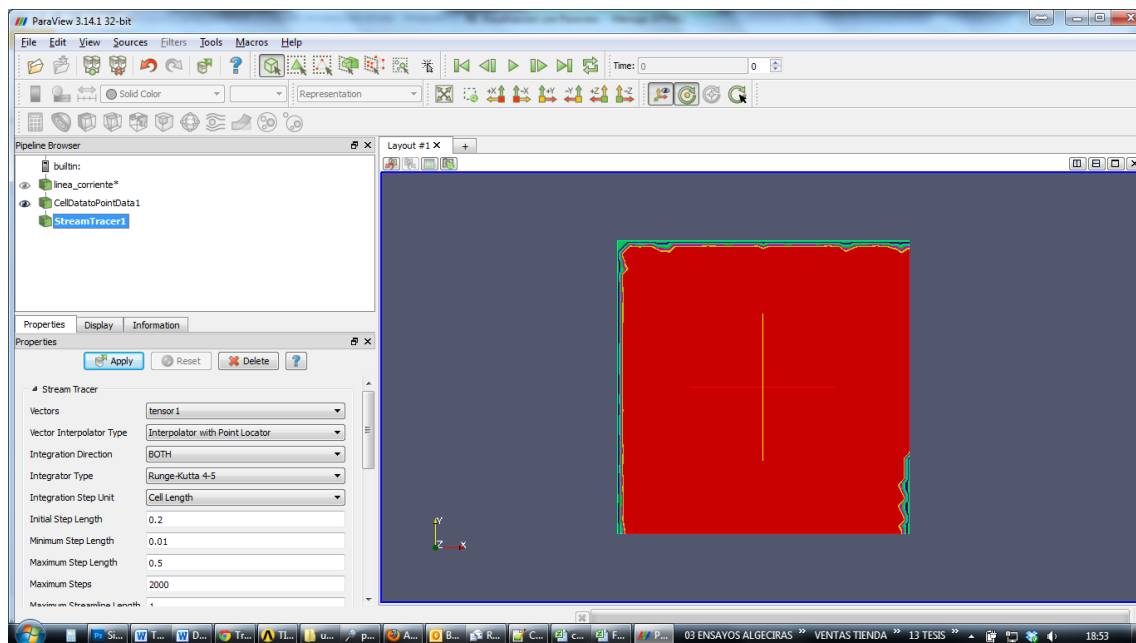
filter by “cell data point data”



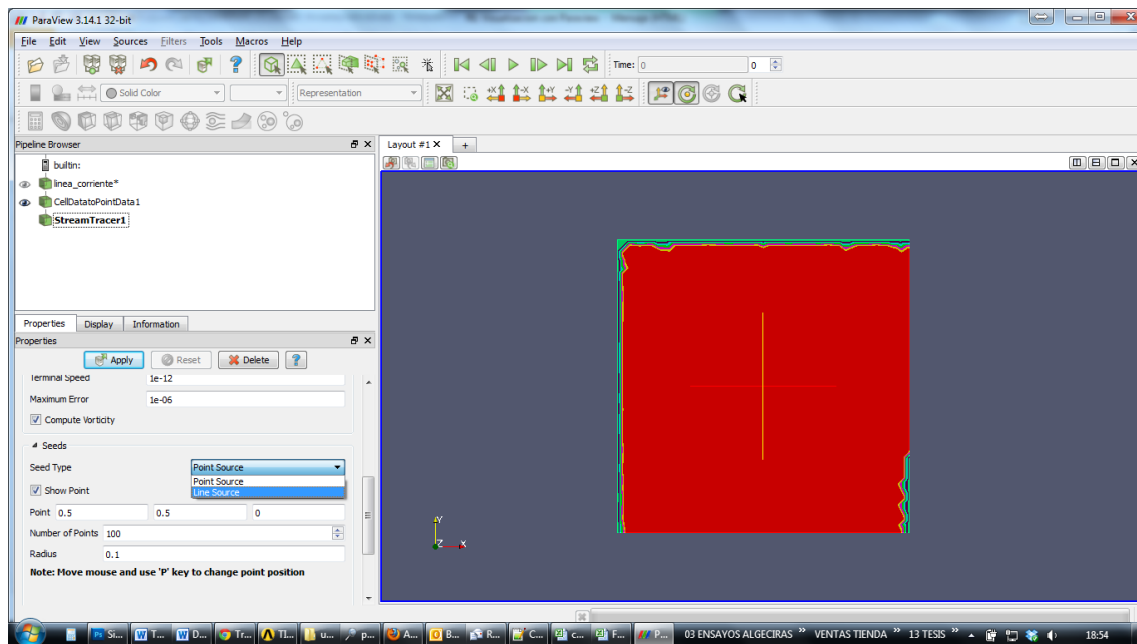
Apply, press now stream tracer icon, to generate the stream lines.



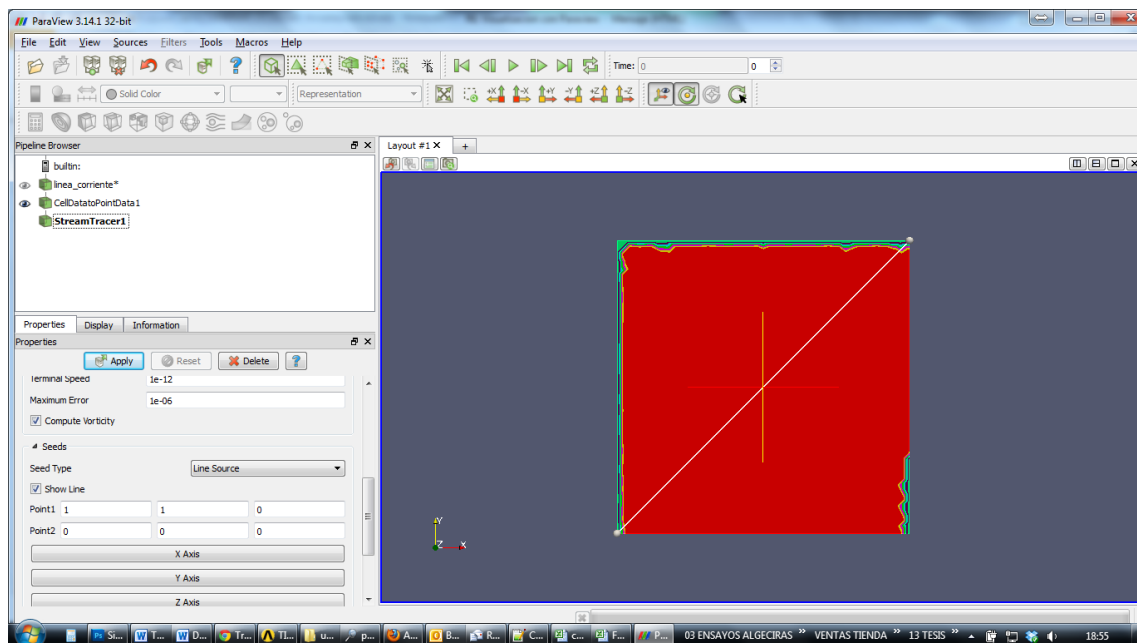
ends up like:



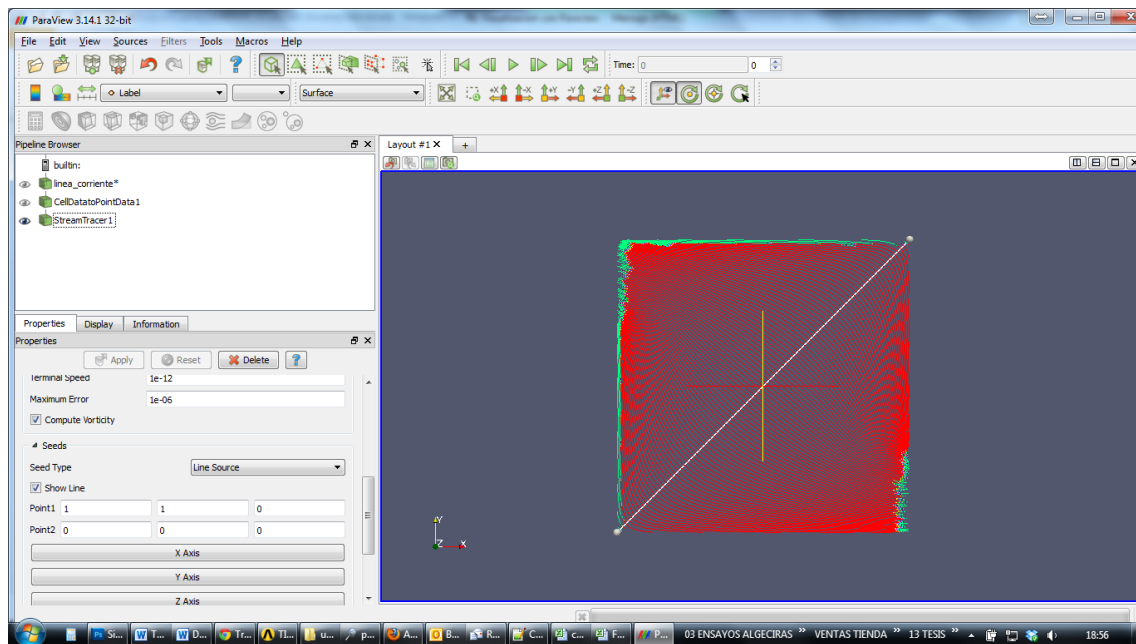
Select now source as line instead of a point (deffect choice)



Shows the line trough which it computes the stream lines



apply.



Next “play” and reproduce the steps.

