**Stap 2 plots:**

* Optimization each time two plots, 1 for the gradient field, 1 for the resulting waveform
  + Clamp sinus amp (pi/2 en 3pi/2)
  + Shear sinus amp (pi/2)
  + Shear sinus amp (3/2 pi)
* Final waveform
* Final error na hertuning over alpha

**Stap 3 plots:**

* Norm convergence
* Final error in alpha
* Ref r (no ff) and output y final en y start over alpha
* Monotonic proof