Work report

What I have finished:
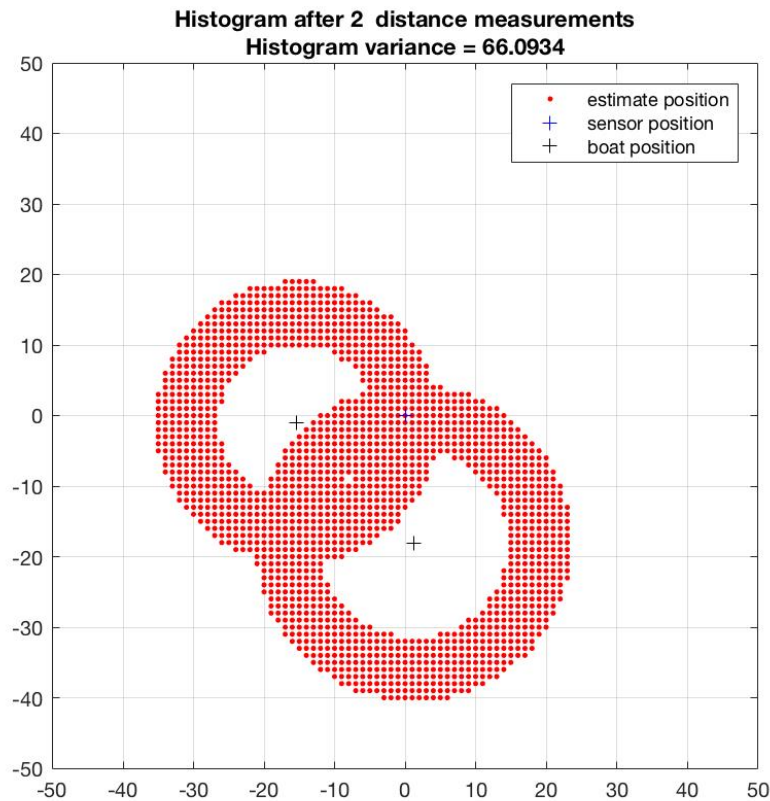1. **Fixed histogram axis and mesh off image axis.**
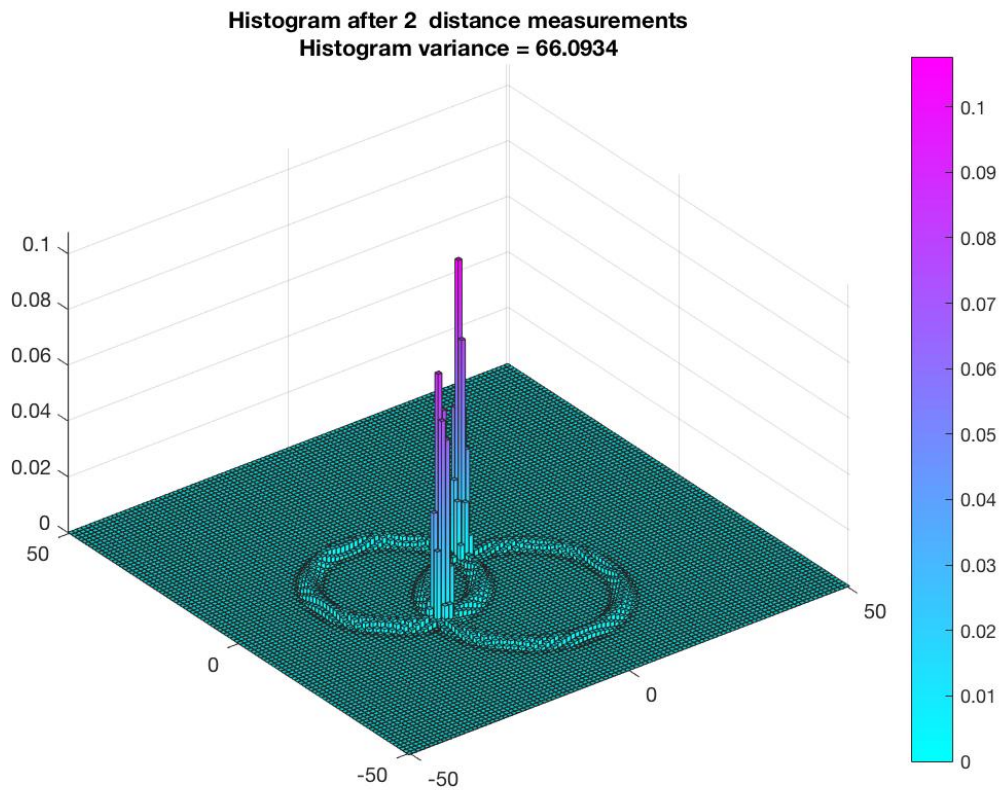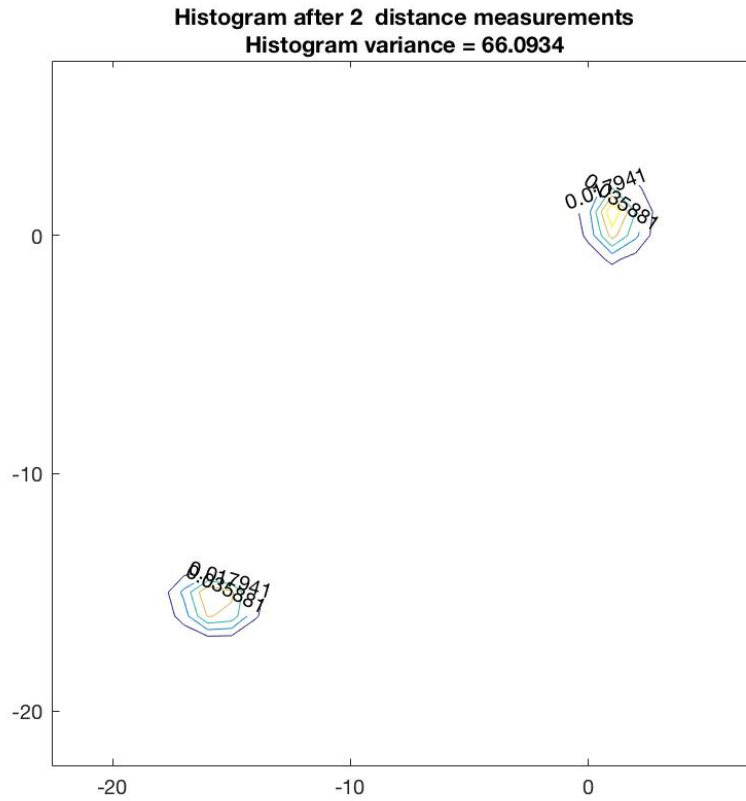2. **Fixed variance value**
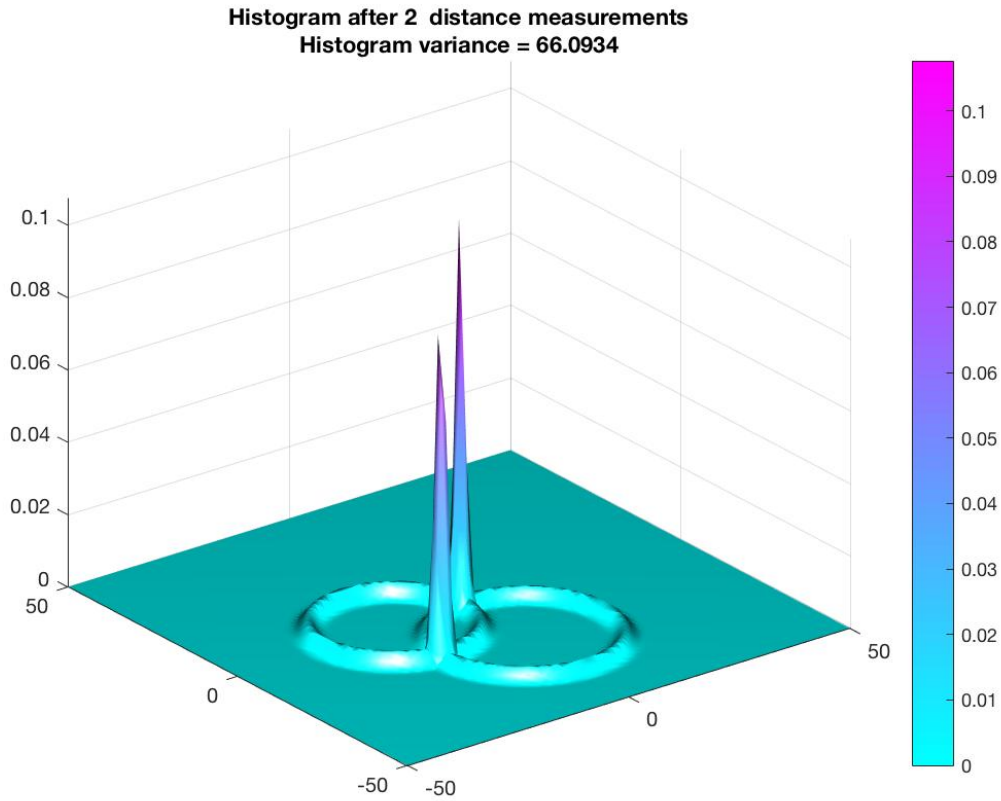3. **Add contour plot**

My aim for next week:
> **I'm working on the range free idea last time we talked about, try to complete simulation code to determine if its possible or worth to keep digging on it.**

New figures:
Second result:

Histogram after 2 distance measurements
Histogram variance = 66.0934

Histogram after 2 distance measurements
Histogram variance = 66.0934

Histogram after 2 distance measurements
Histogram variance = 66.0934

Final result:
Actual position=[0,0] Estimate position=[0,-1]

Histogram after 5 distance measurements
Histogram variance = 0.51021

Histogram after 5 distance measurements
Histogram variance = 0.51021

Histogram after 5 distance measurements
Histogram variance = 0.51021

Histogram after 5 distance measurements
Histogram variance = 0.51021