

Notebook

July 1, 2024

1 Panel report

[3]: Calibration date: July 01 2024, 18:45

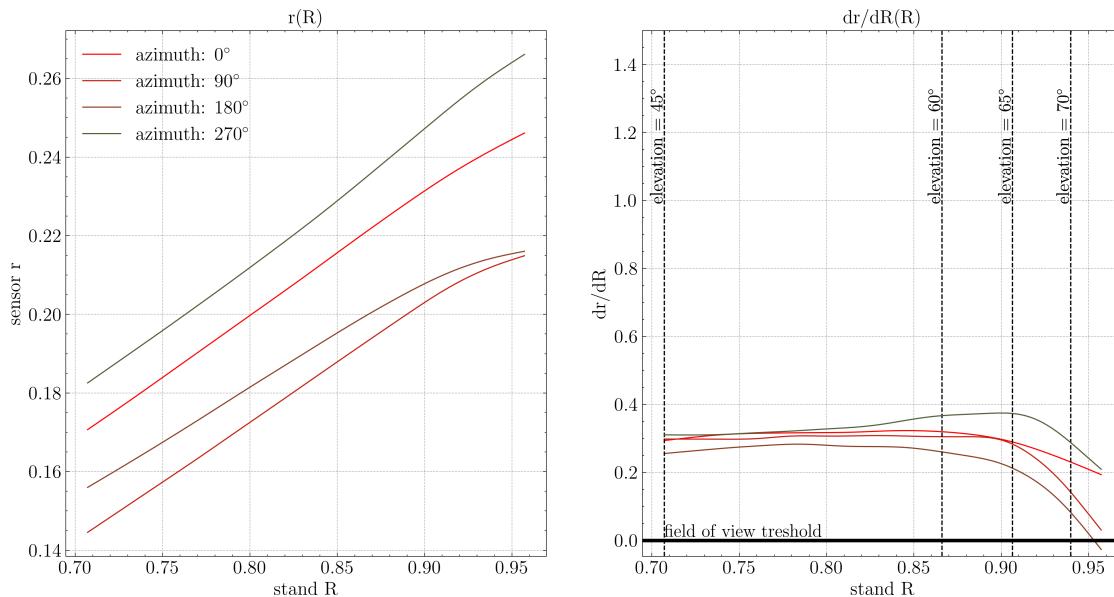
Panel number: g02-0013

Approximate estimated fov: 73.1578 degrees

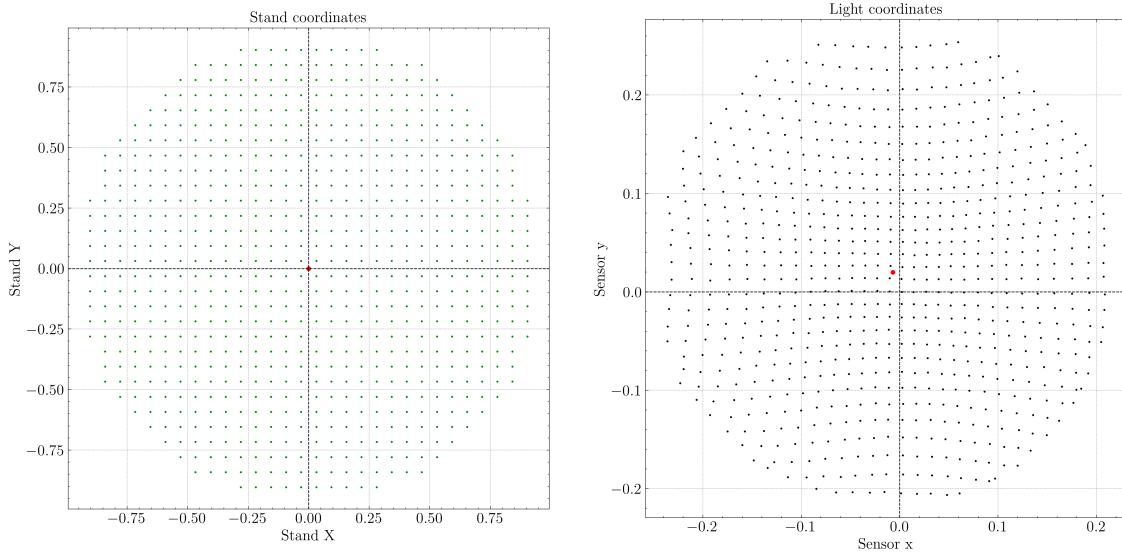
Grid size: 20x20

2 Initial tests

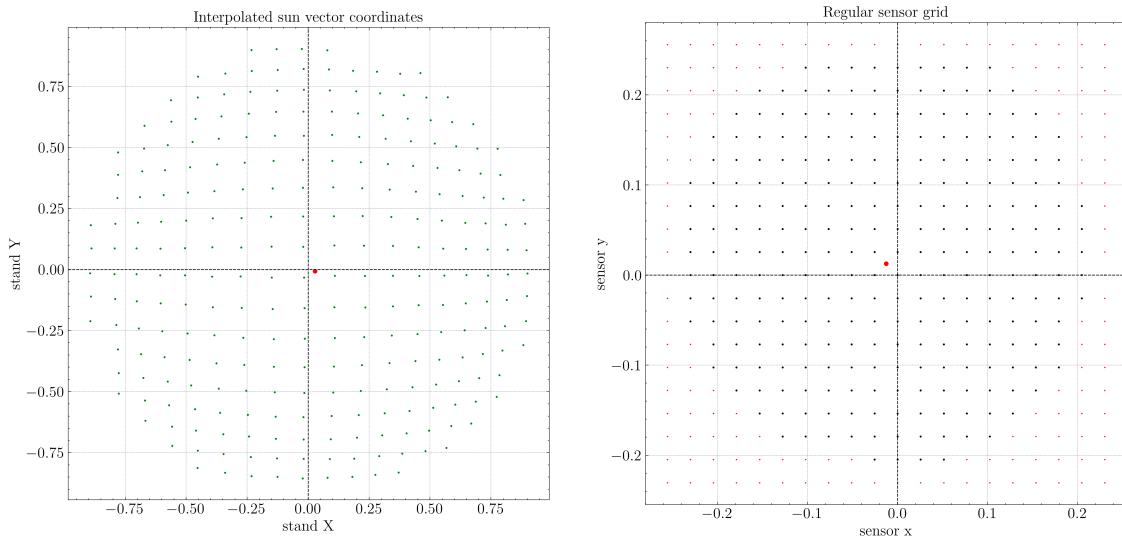
2.1 Sensor field of view preliminary estimation



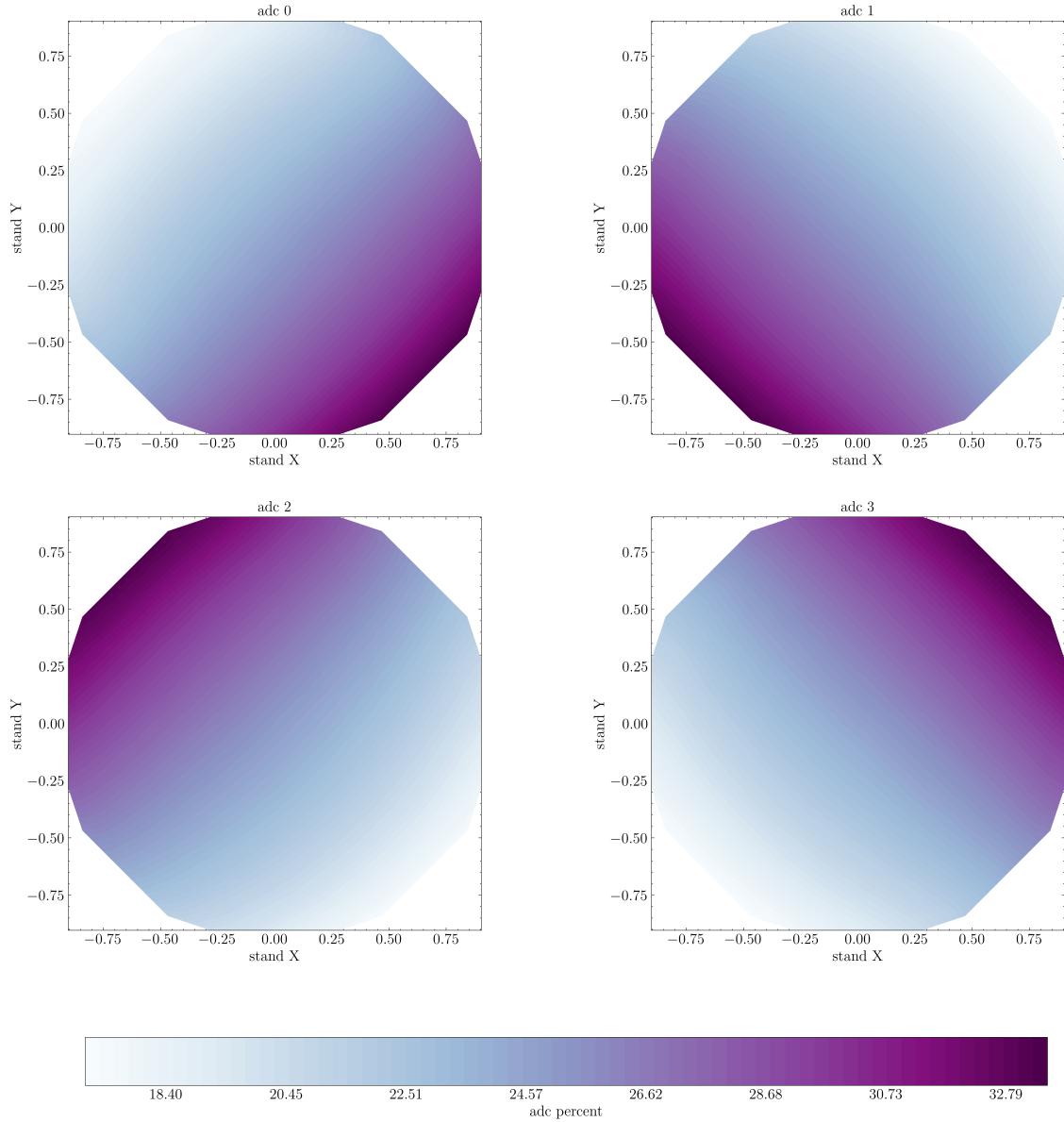
2.2 First passage



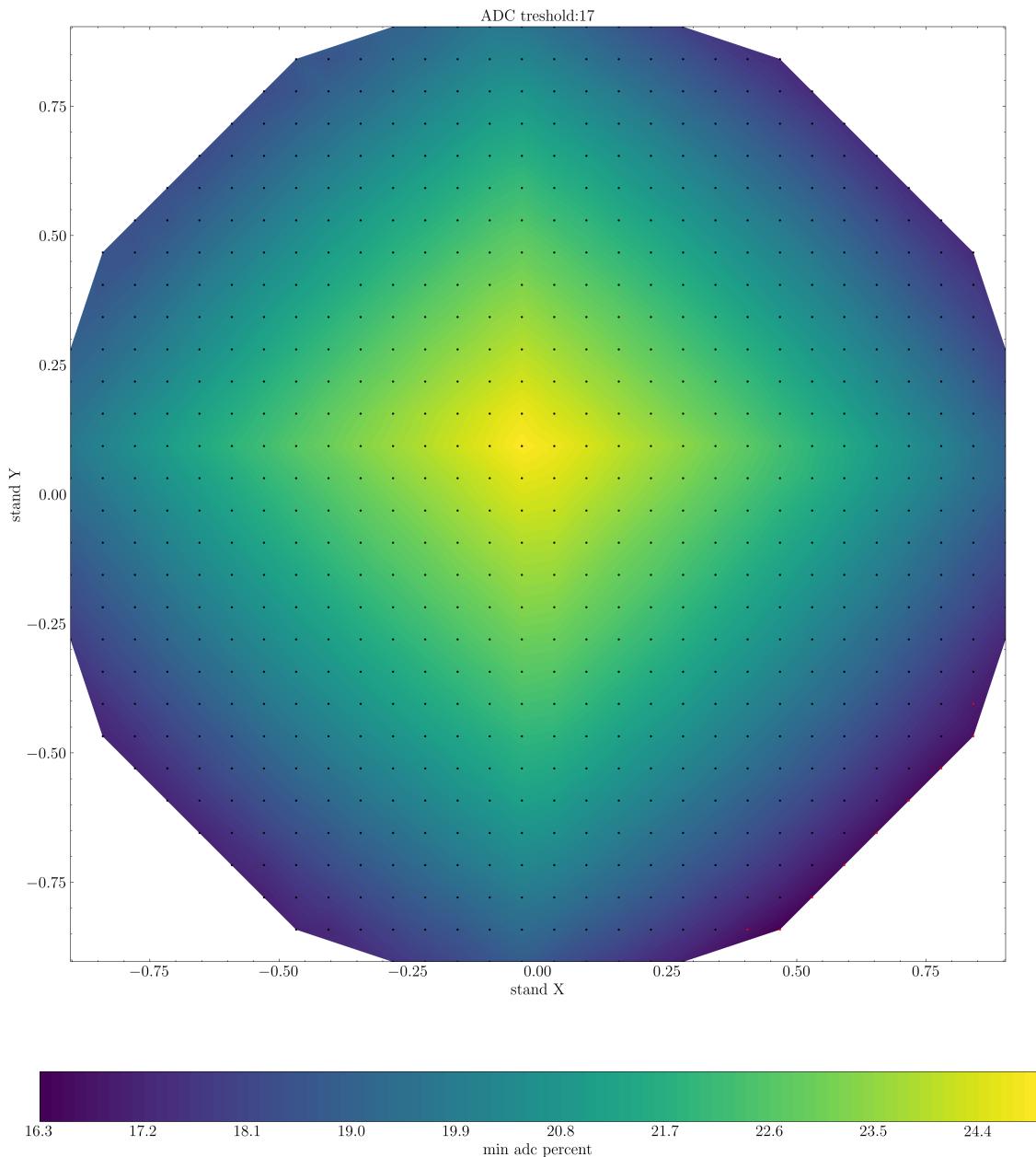
2.3 First interpolation result

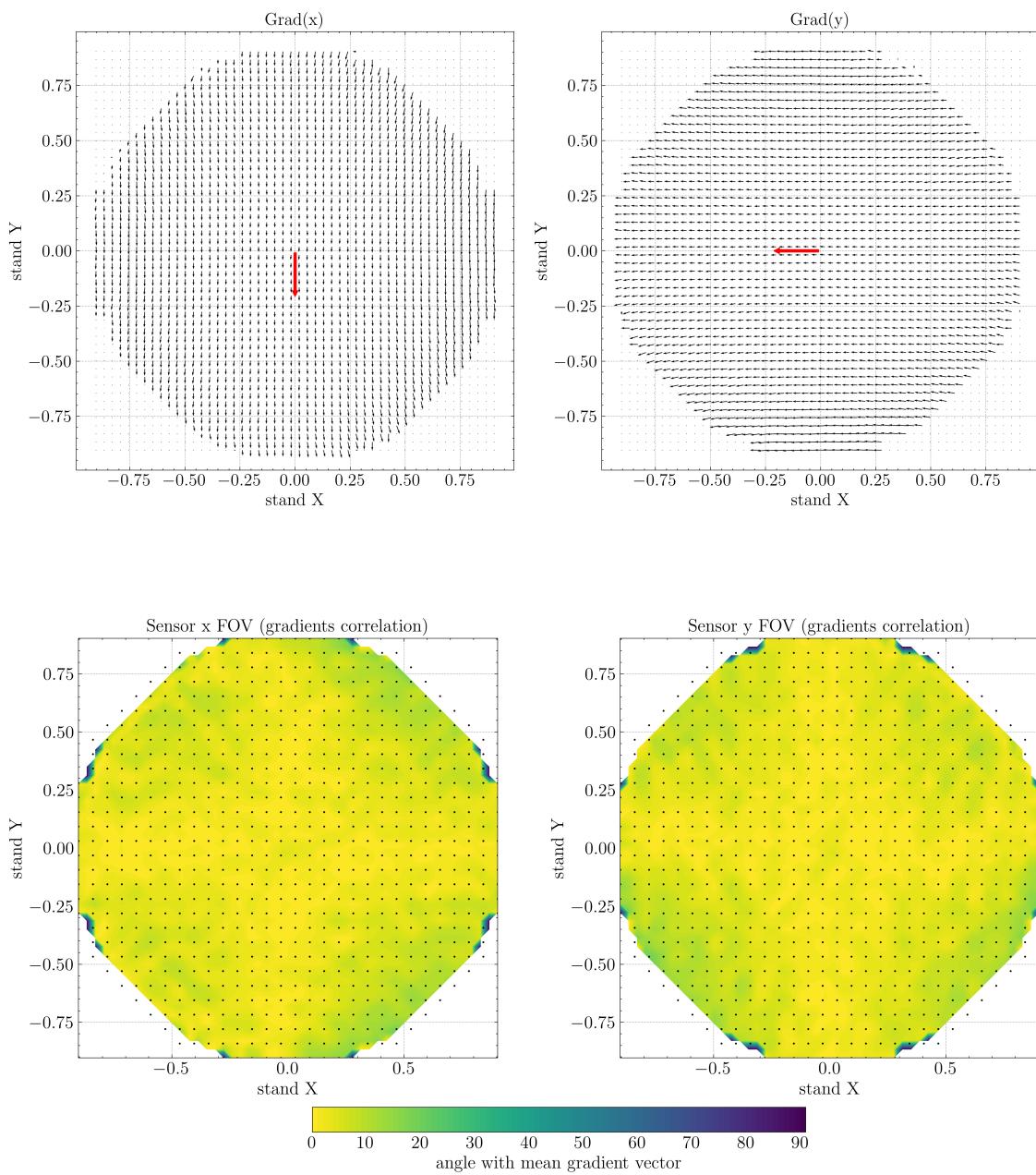


2.4 Adc channels light distribution in percents



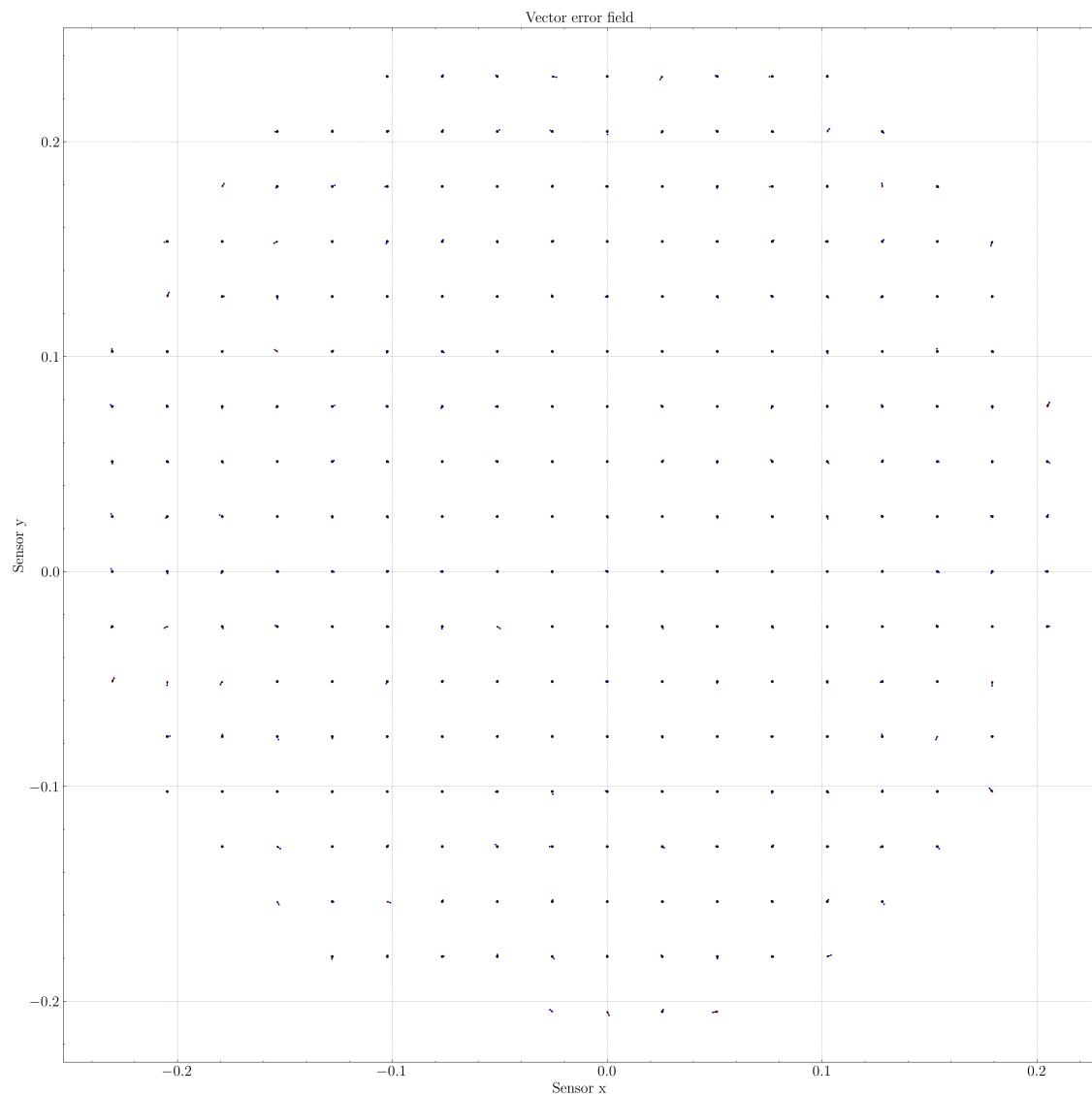
2.5 Sensor FOV

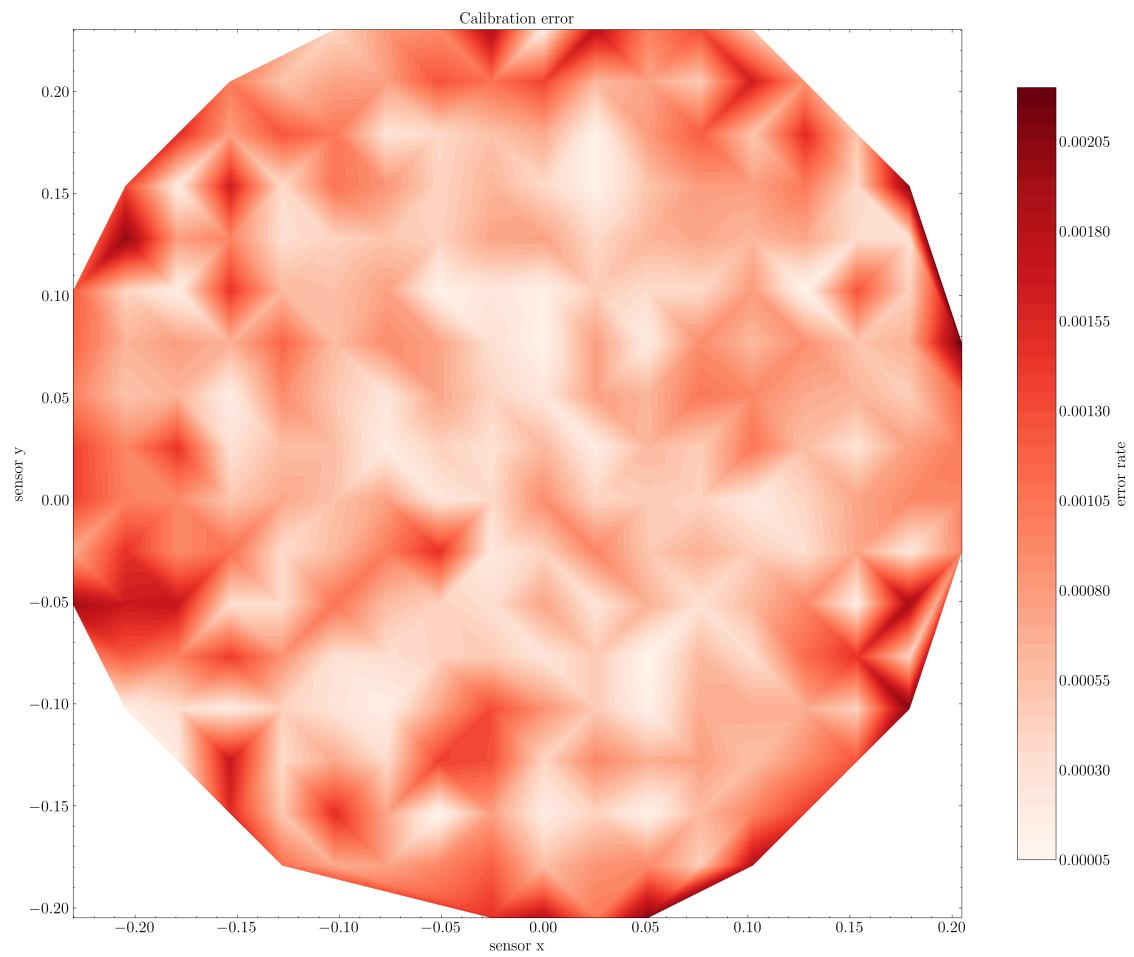




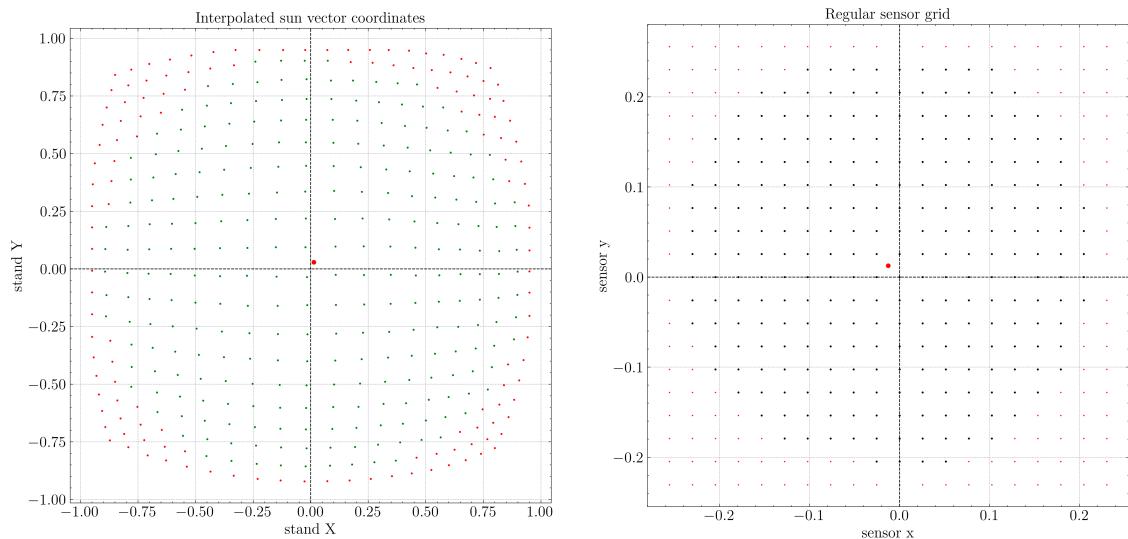
3 Second passage

3.1 Second passage error assessment

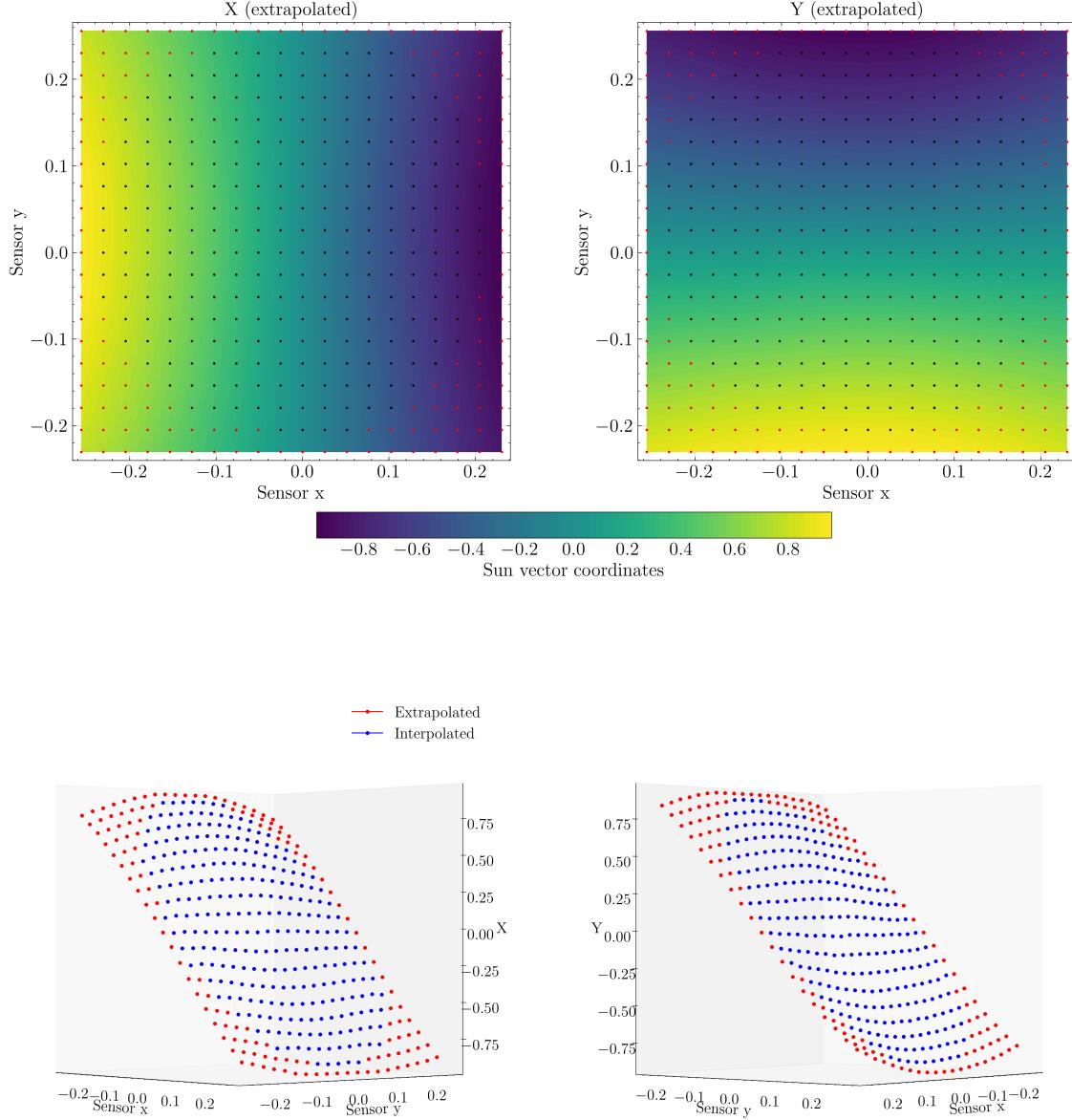




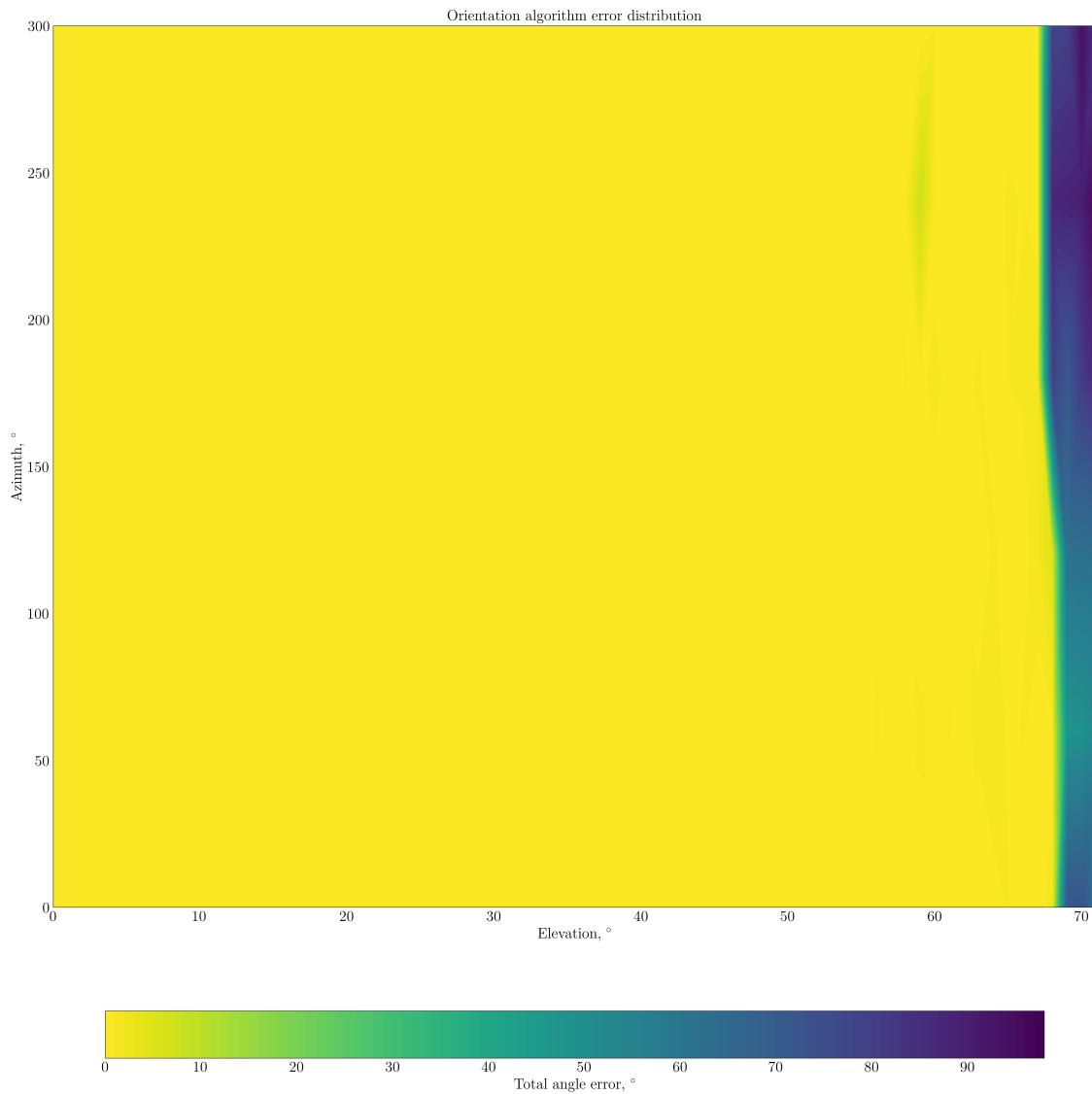
4 Second calibration results with cubic extrapolation



4.1 Final results



5 Algorithm error assessment



- Error is less than mean + std
 - ★ Error more than mean + std
- Mean error is: 3.970°
 Error standart deviation is: 16.161°

