

Notebook

June 5, 2024

1 Panel report

[3]: Calibration date: June 05 2024, 10:50

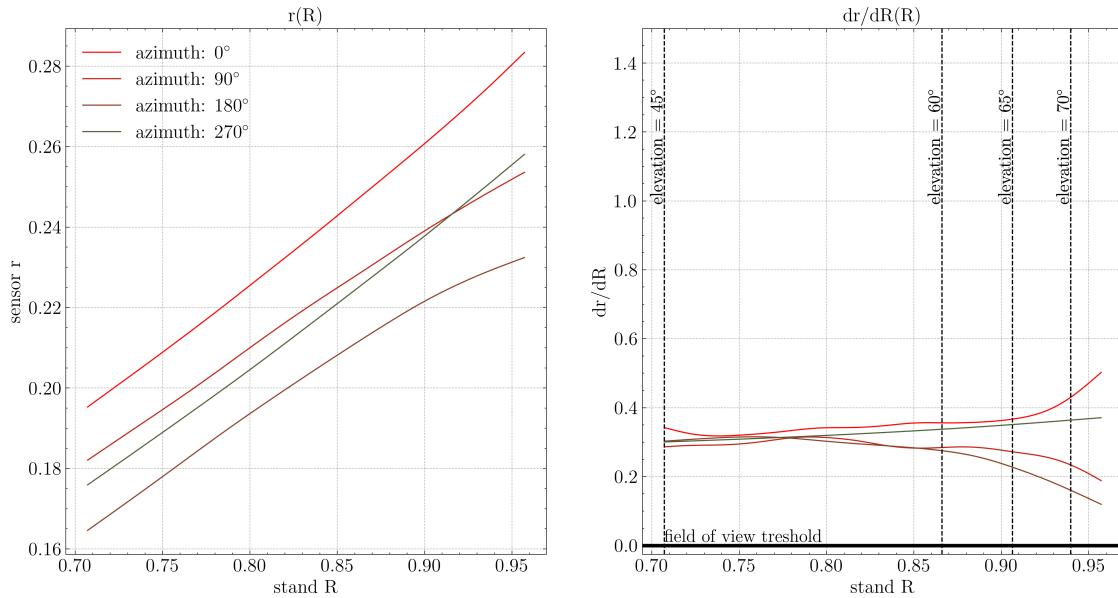
Panel number: g02-0002

Approximate estimated fov: 73.1578 degrees

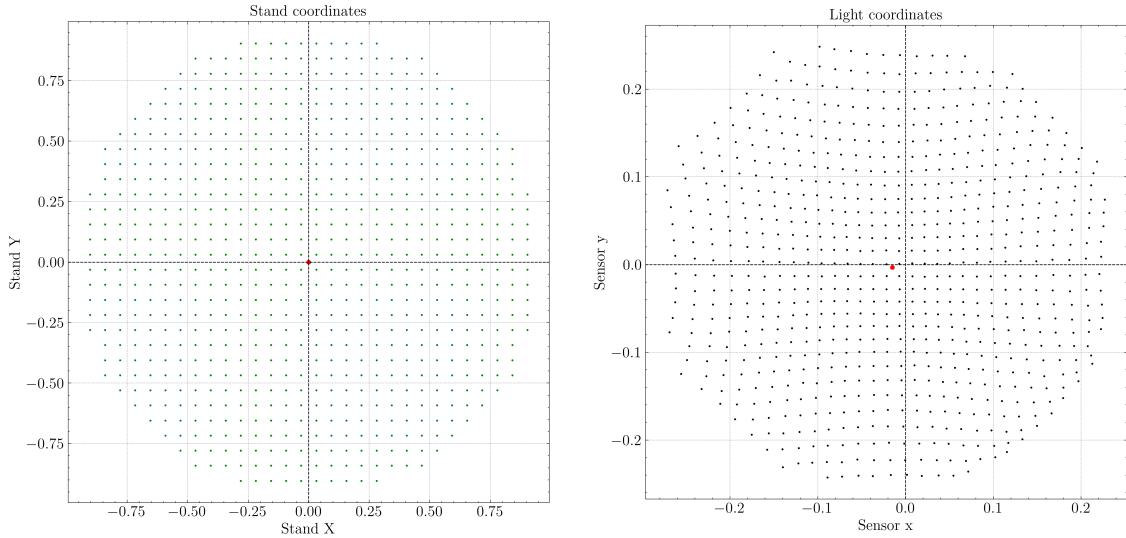
Grid size: 21x21

2 Initial tests

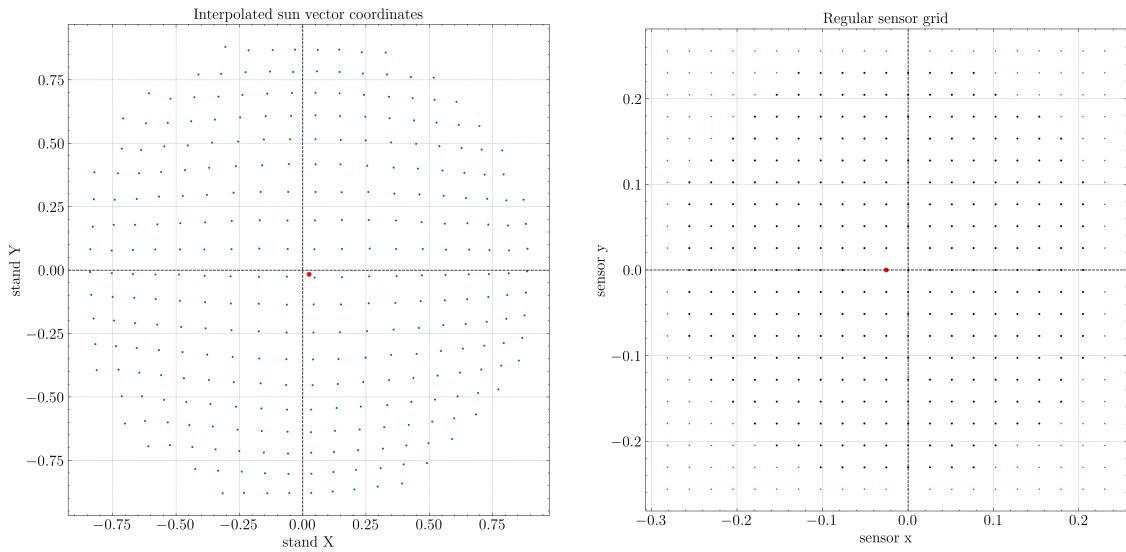
2.1 Sensor field of view preliminary estimation



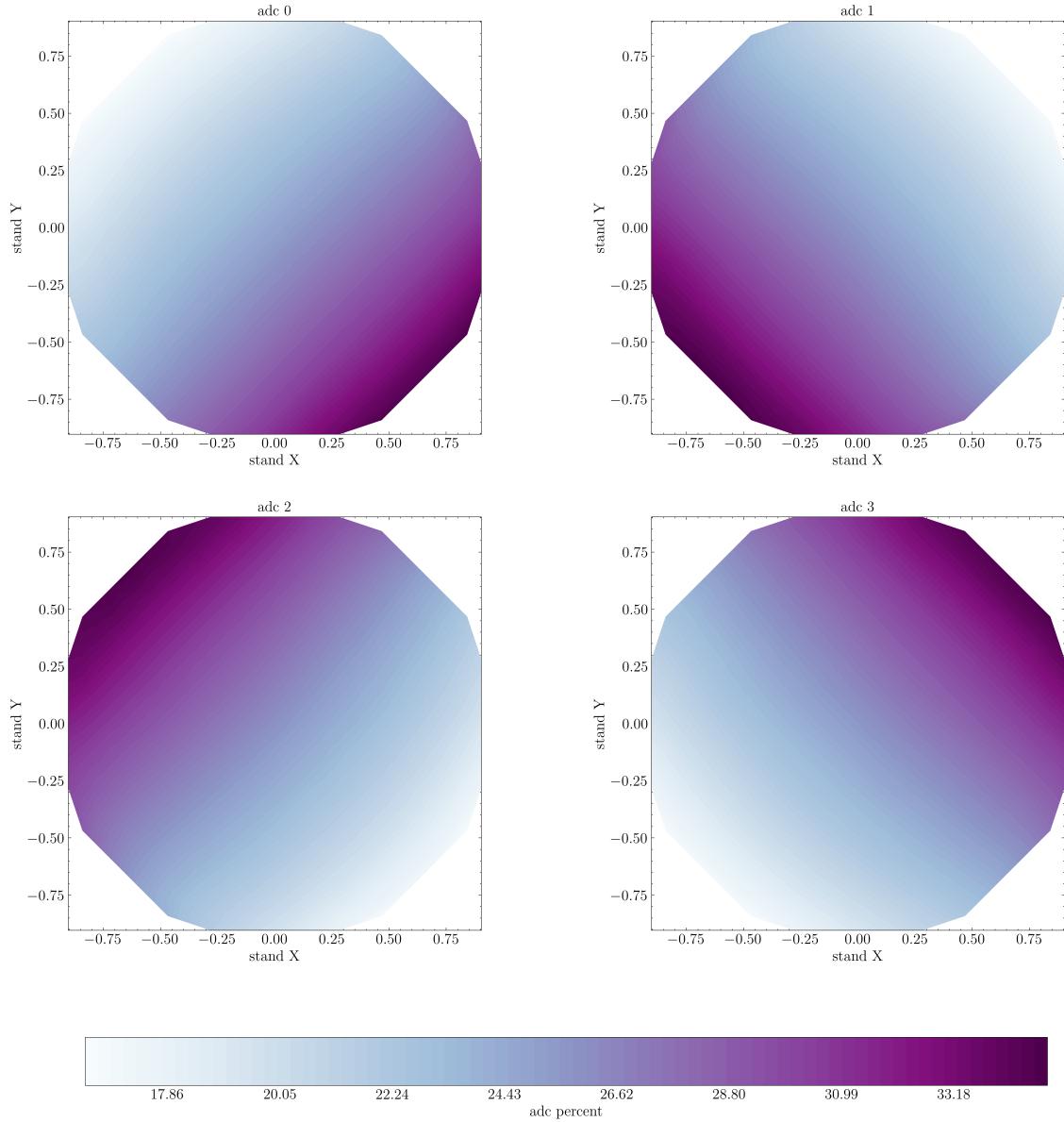
2.2 First passage



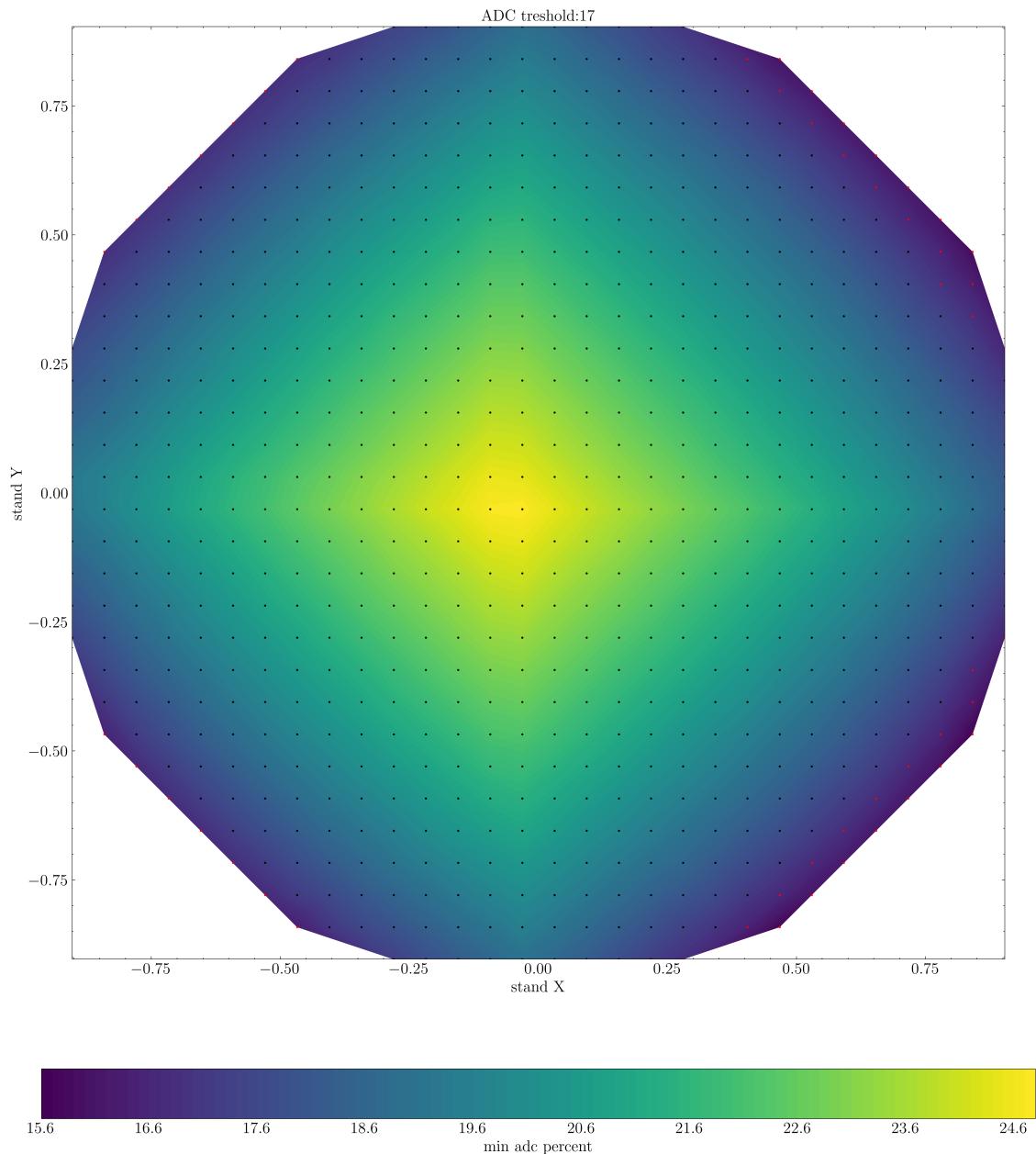
2.3 First interpolation result

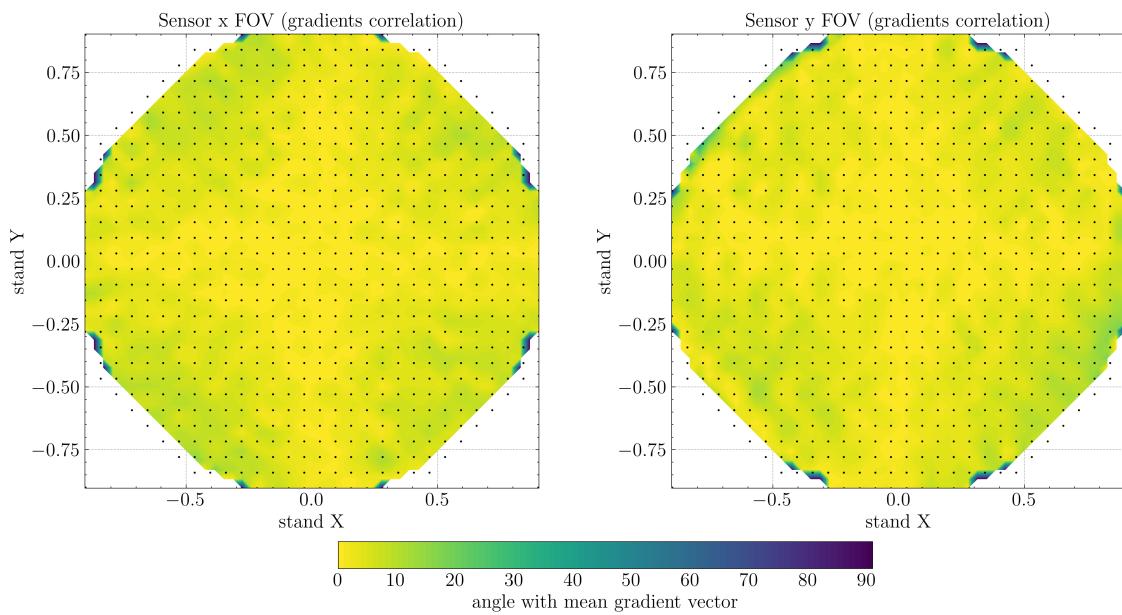
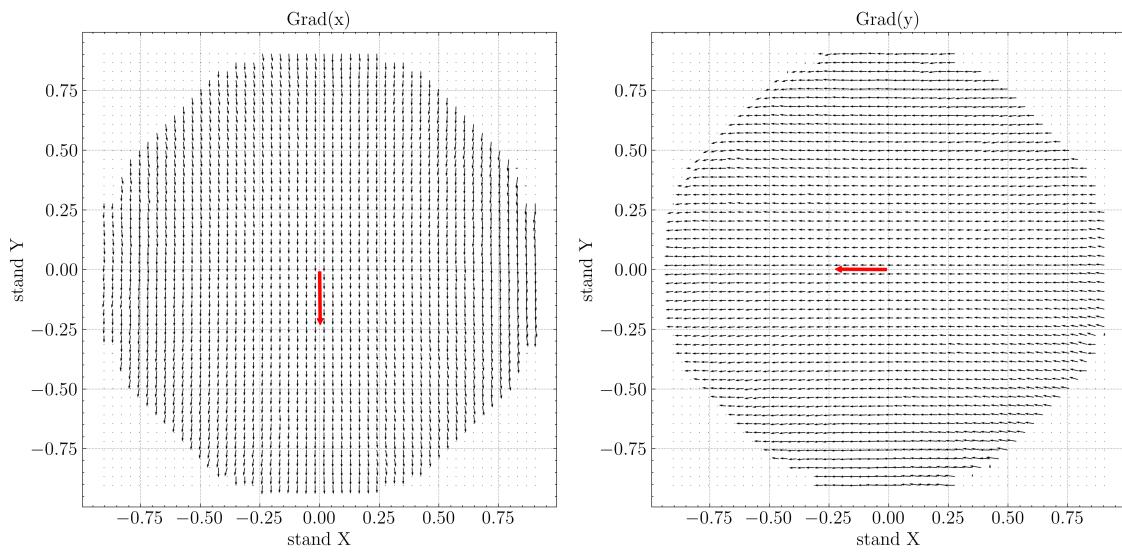


2.4 Adc channels light distribution in percents



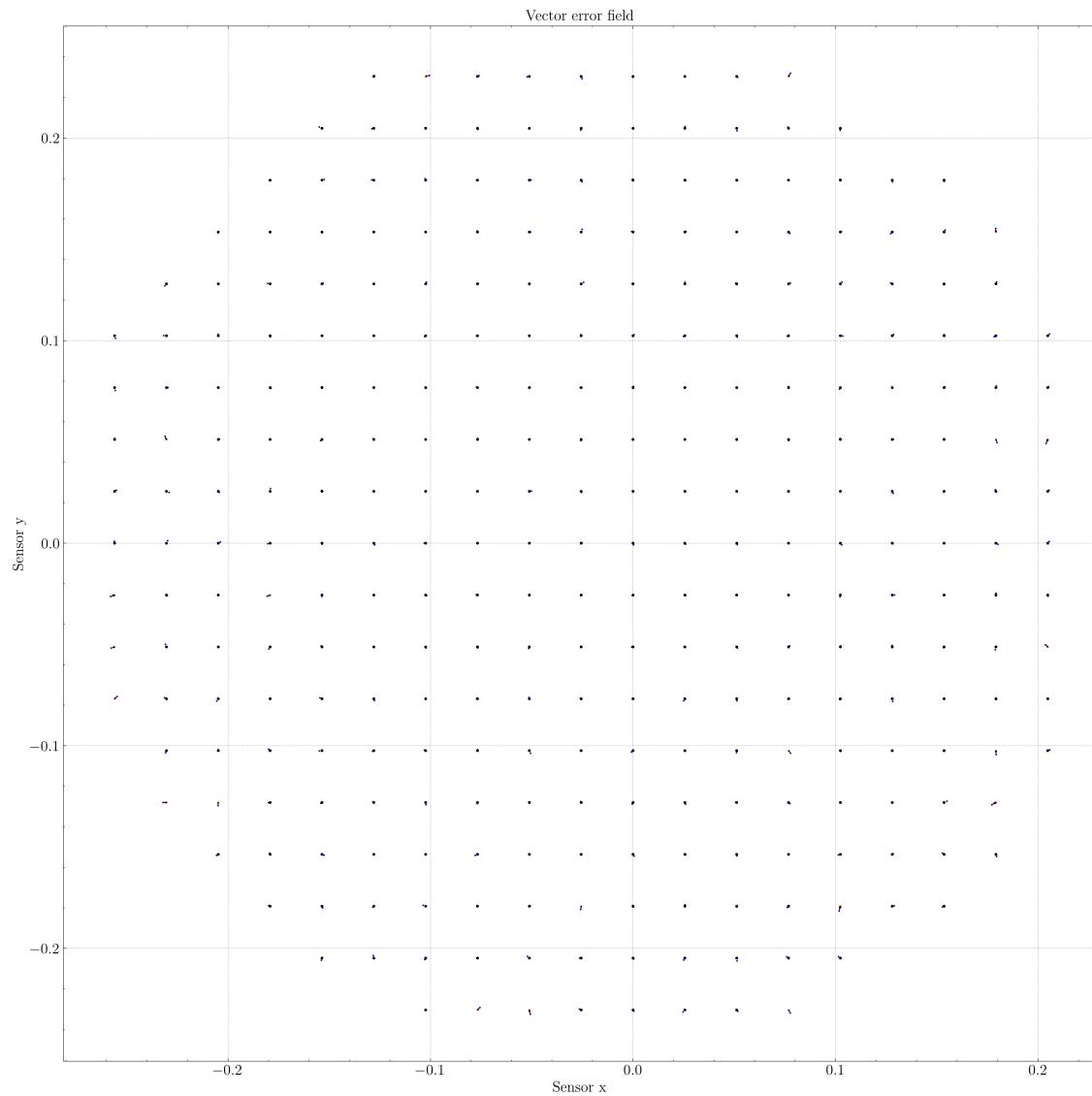
2.5 Sensor FOV

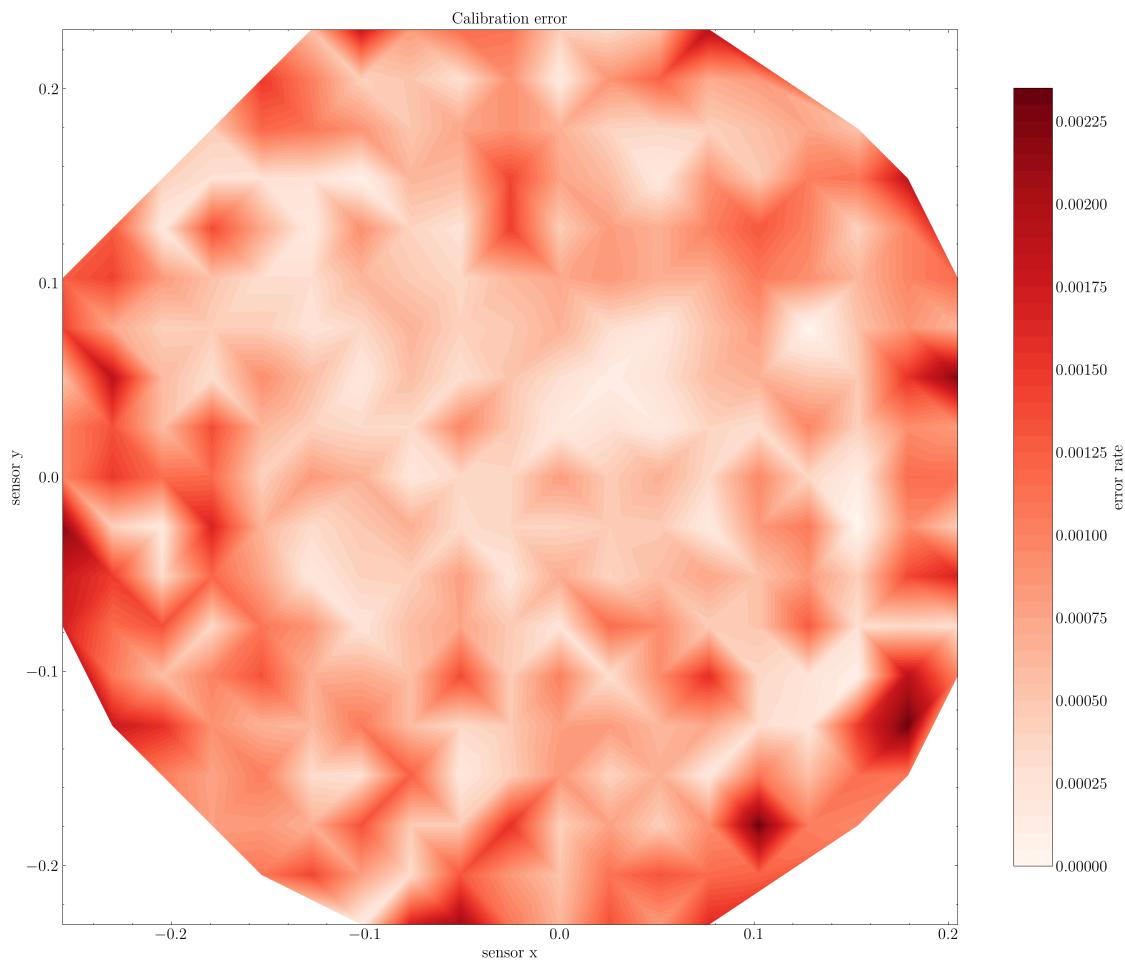




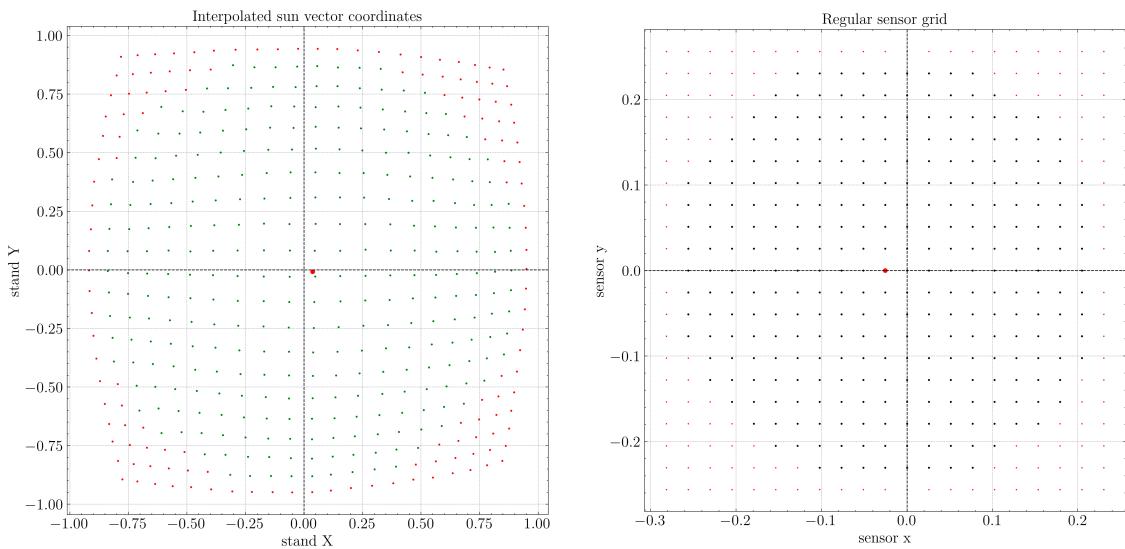
3 Second passage

3.1 Second passage error assessment

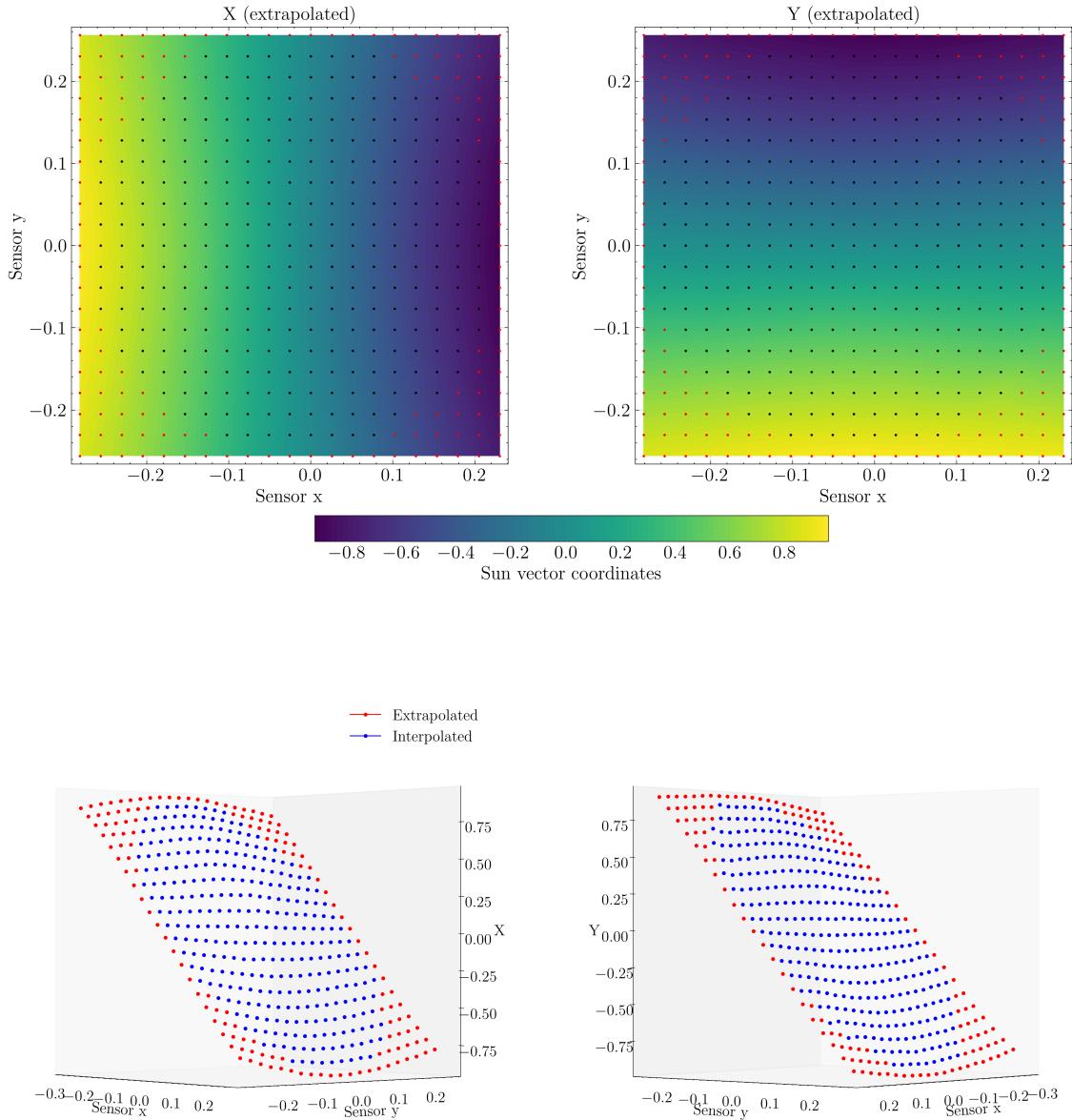




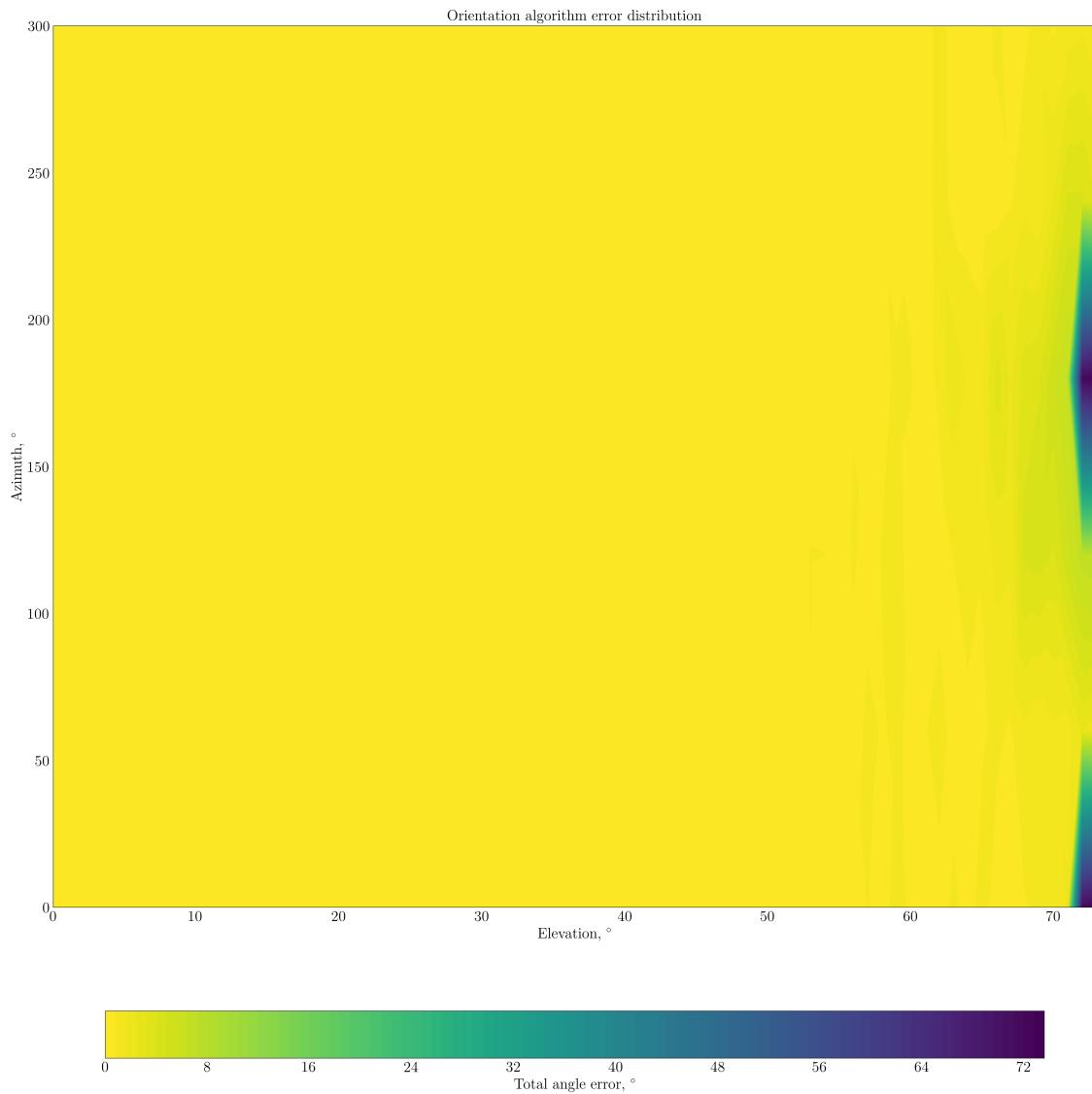
4 Second calibration results with cubic extrapolation



4.1 Final results



5 Algorithm error assessment



- Error is less than mean + std
 - Error more than mean + std
- Mean error is: 1.171°
Error standart deviation is: 6.856°

