

Notebook

May 30, 2024

1 Panel report

[3]: Calibration date: May 30 2024, 21:29

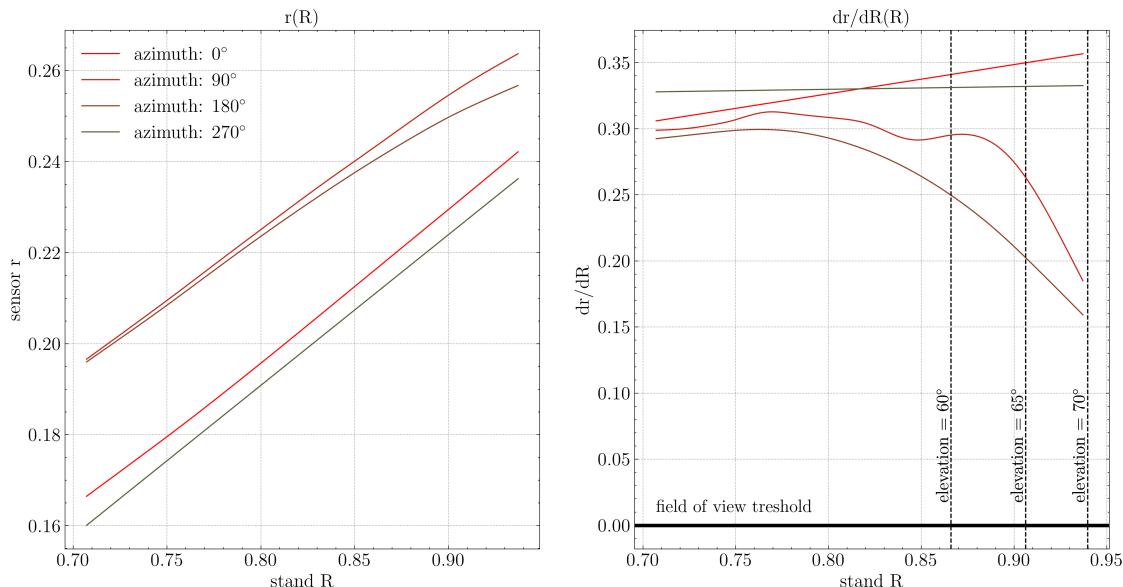
Panel number: g01-0004

Approximate estimated fov: 69.5712

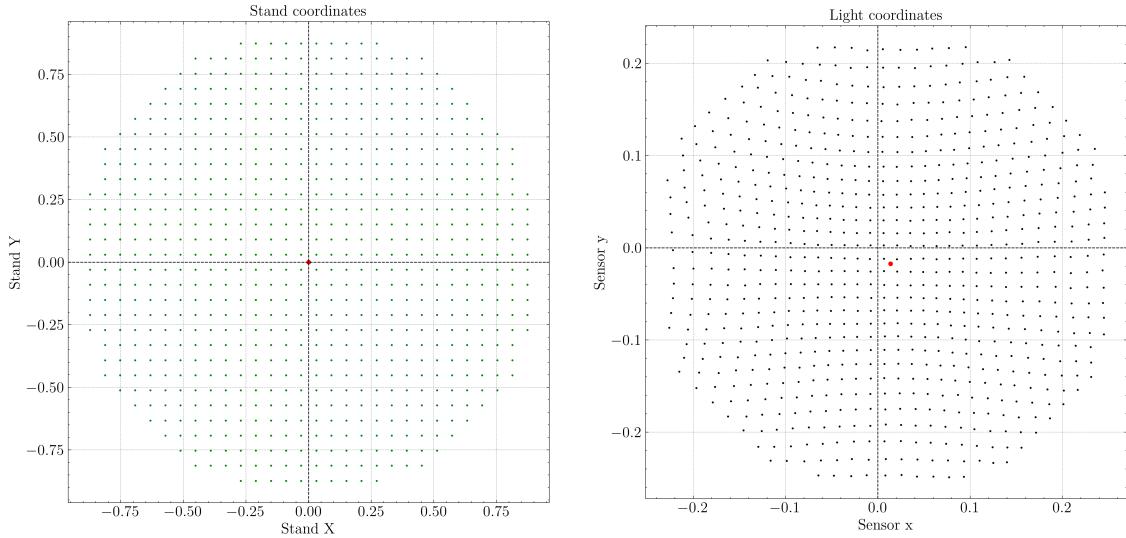
Grid size: 20x20

2 Initial tests

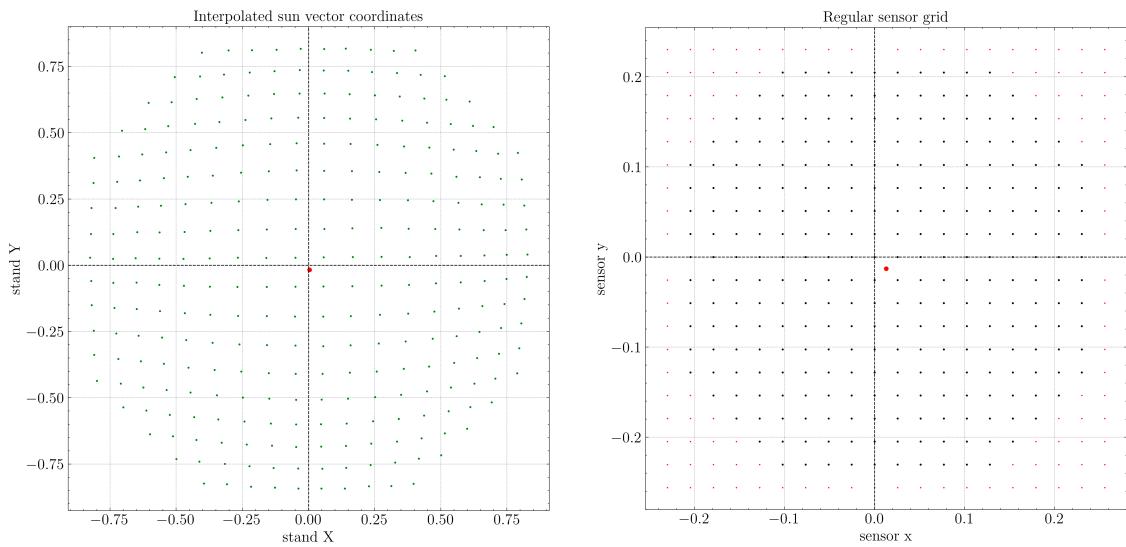
2.1 Sensor field of view preliminary estimation



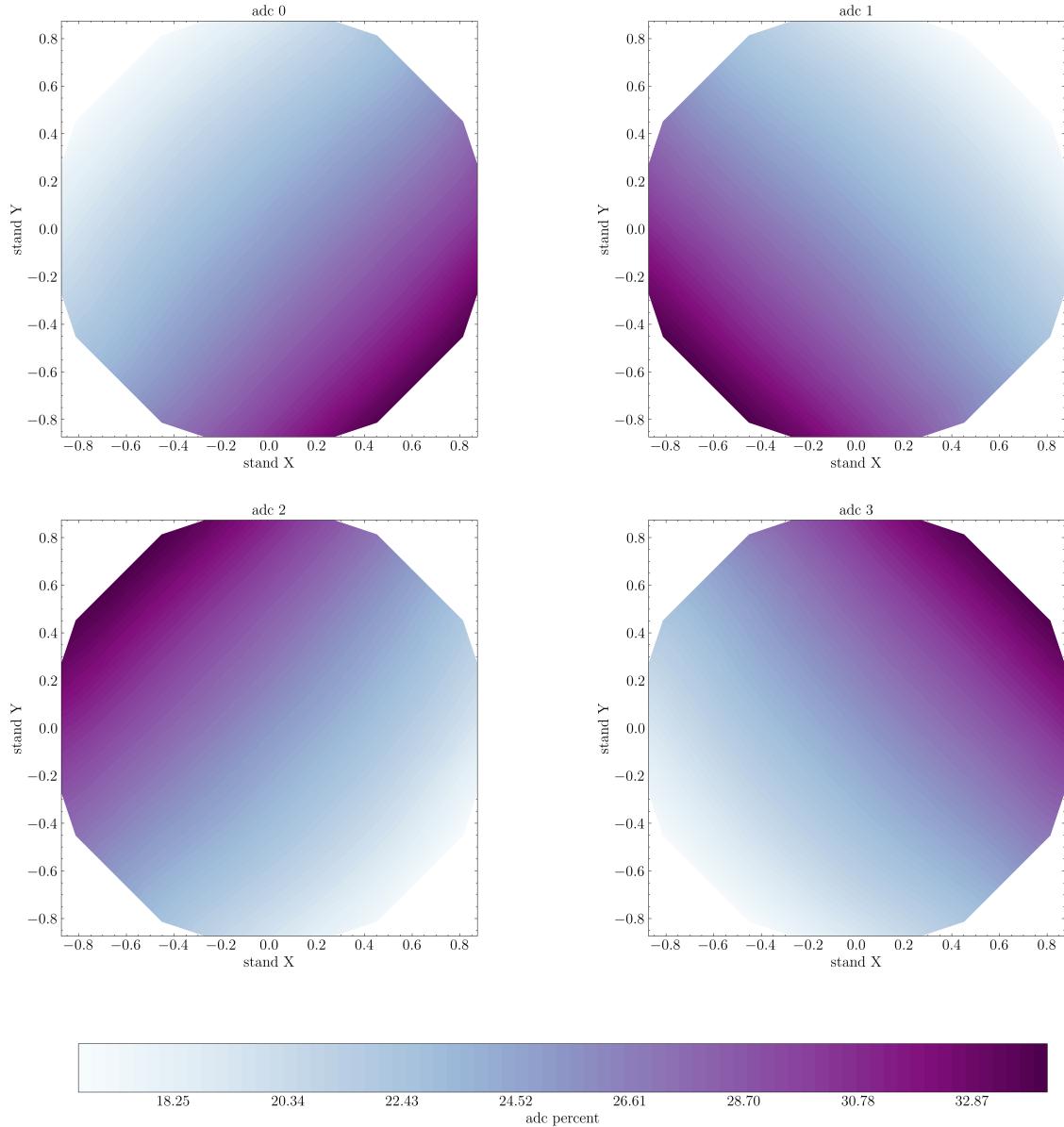
2.2 First passage



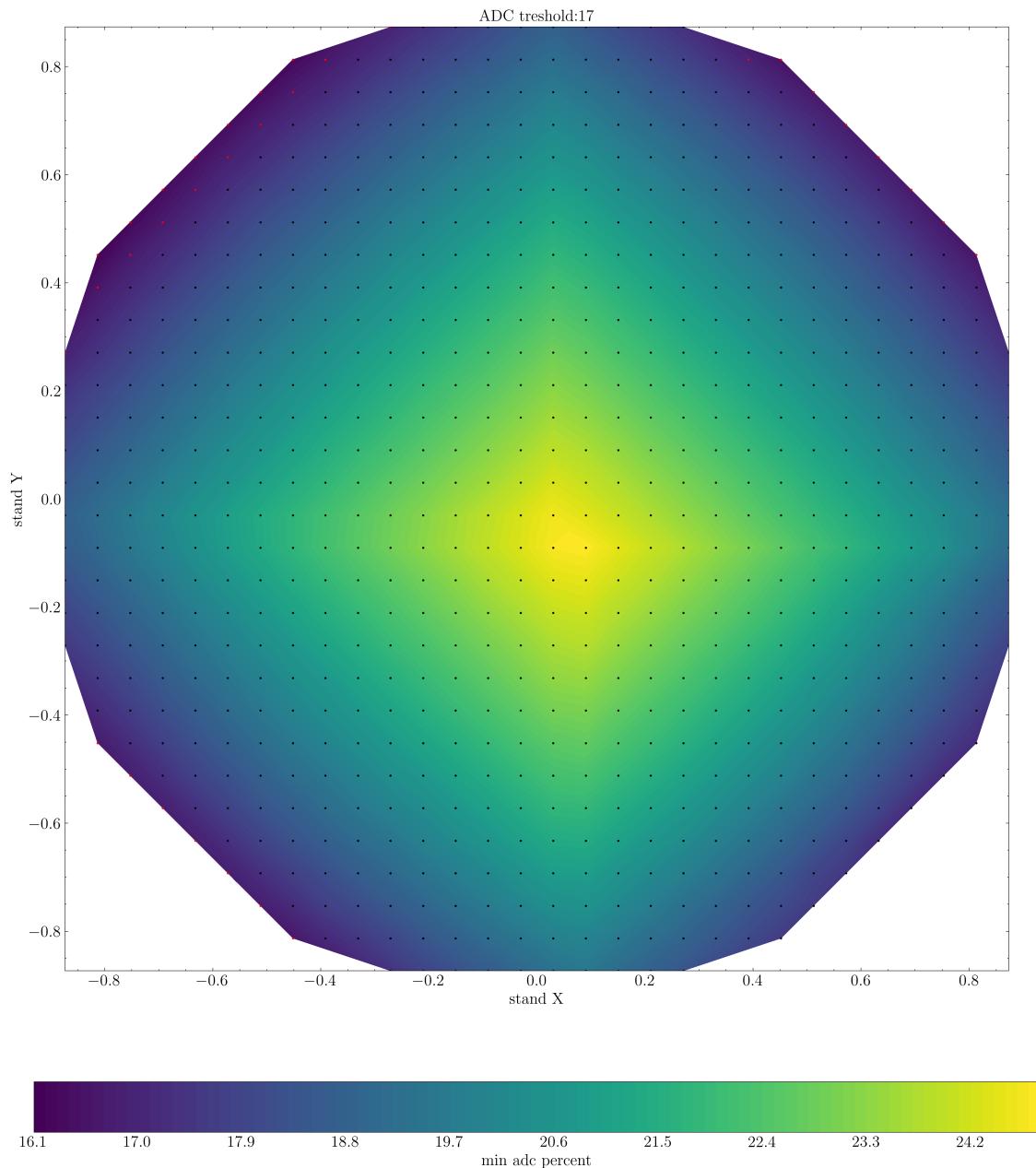
2.3 First interpolation result

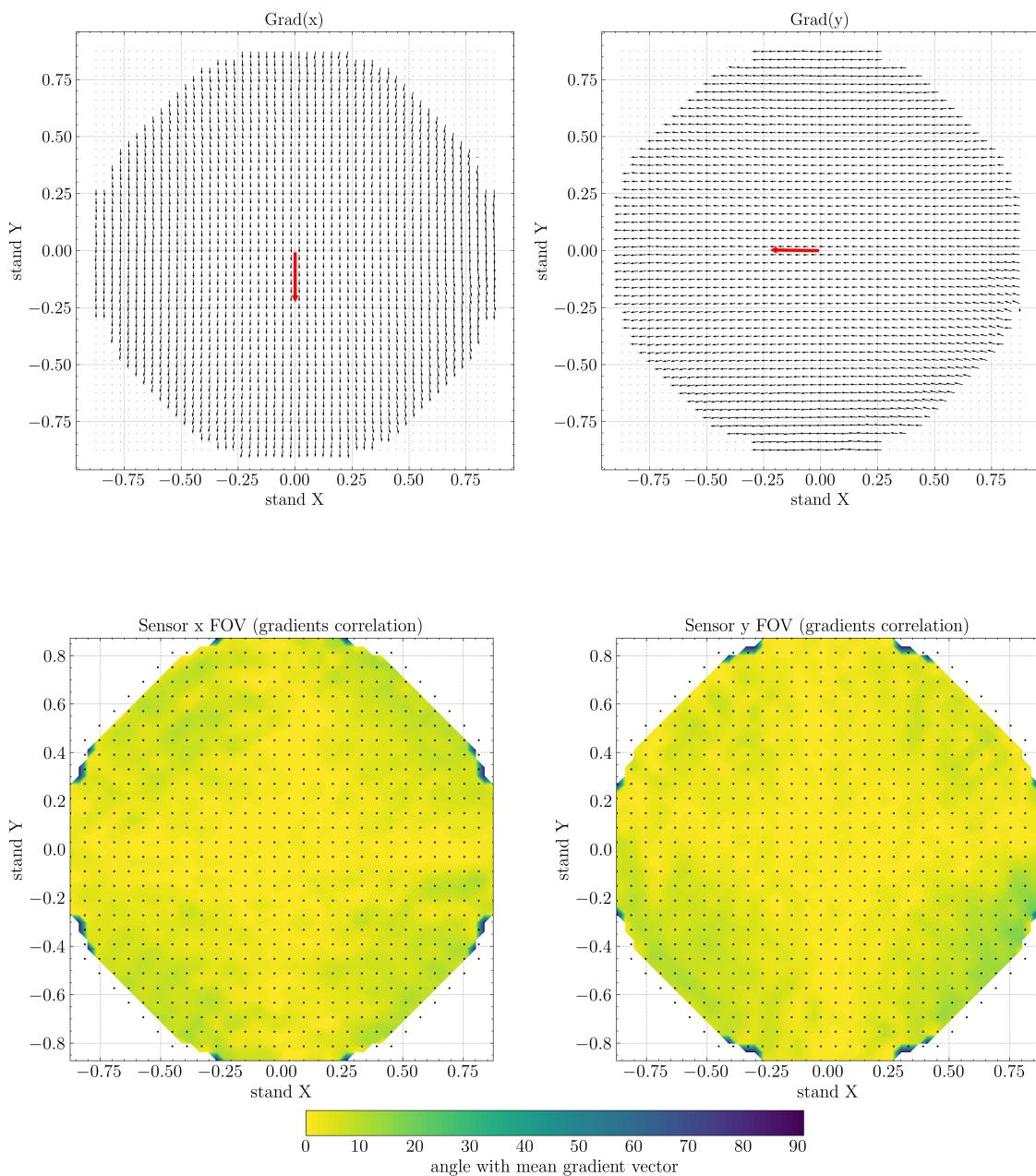


2.4 Adc channels light distribution in percents



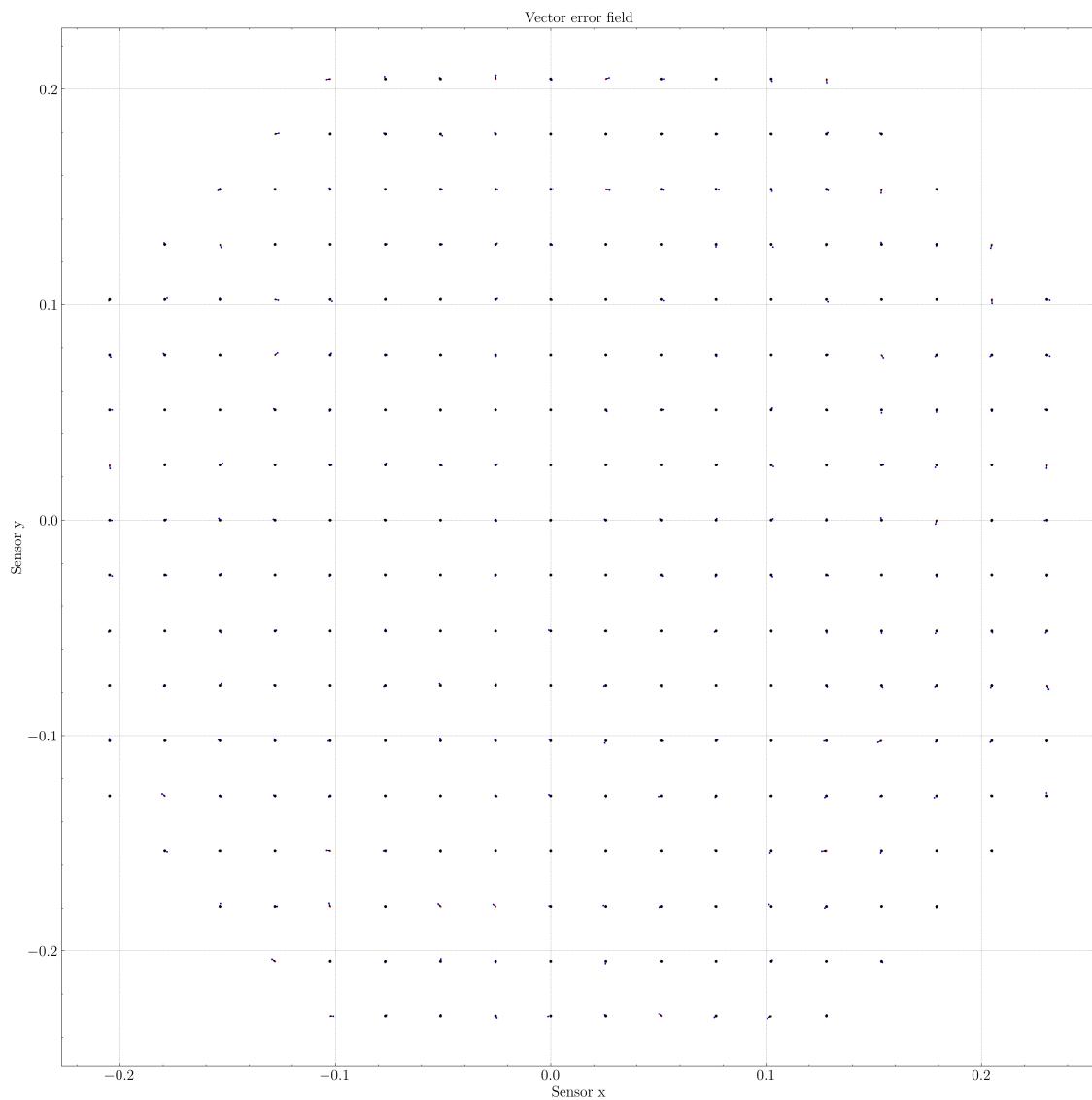
2.5 Sensor FOV

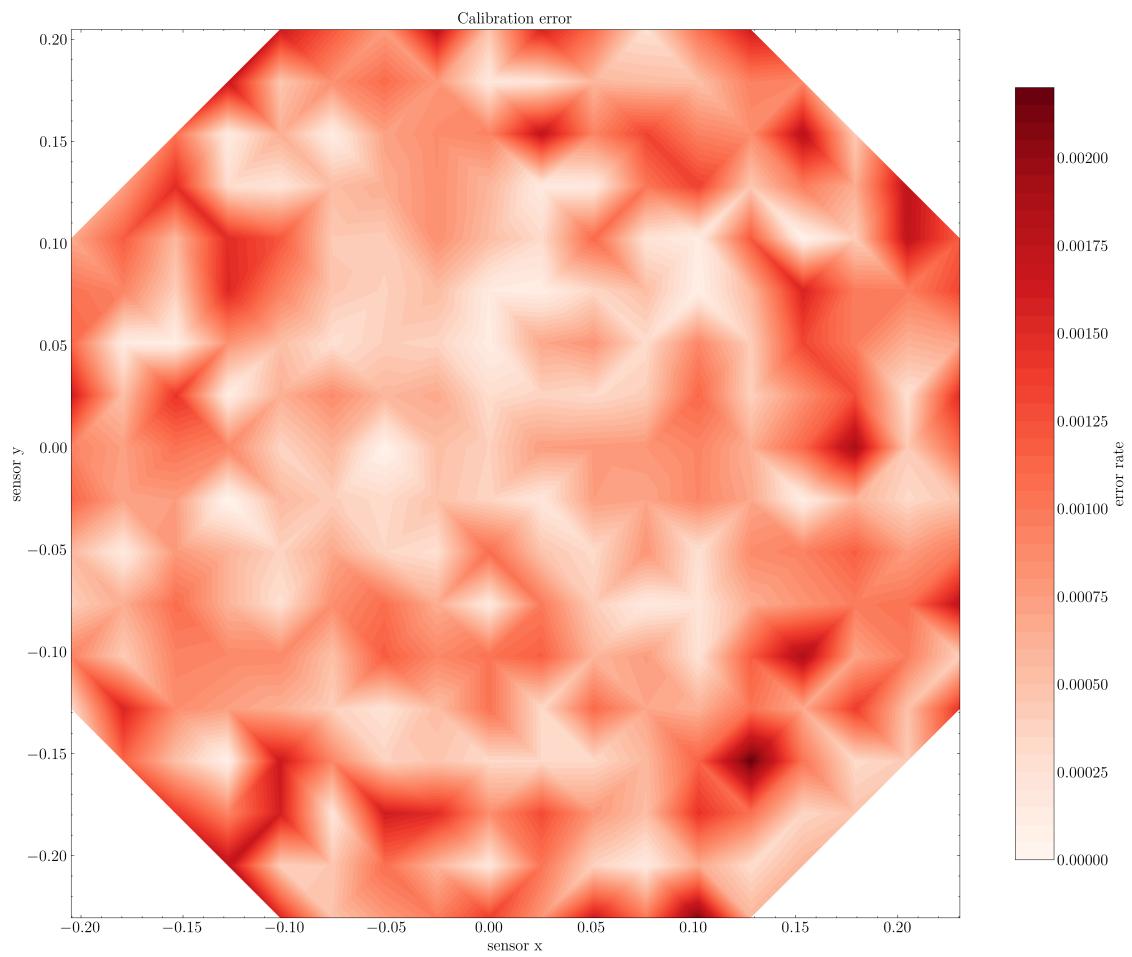




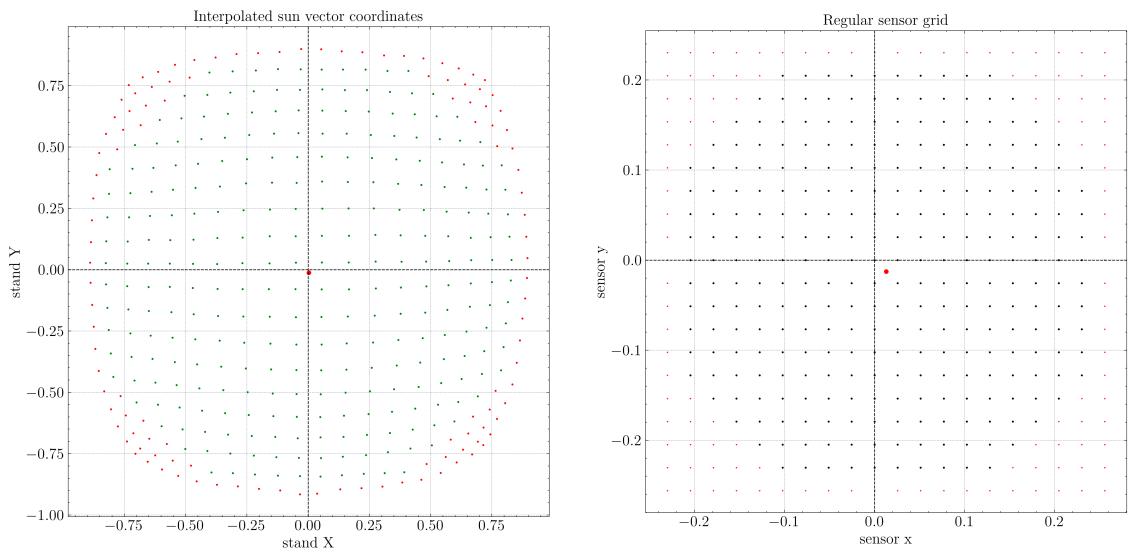
3 Second passage

3.1 Second passage error assessment

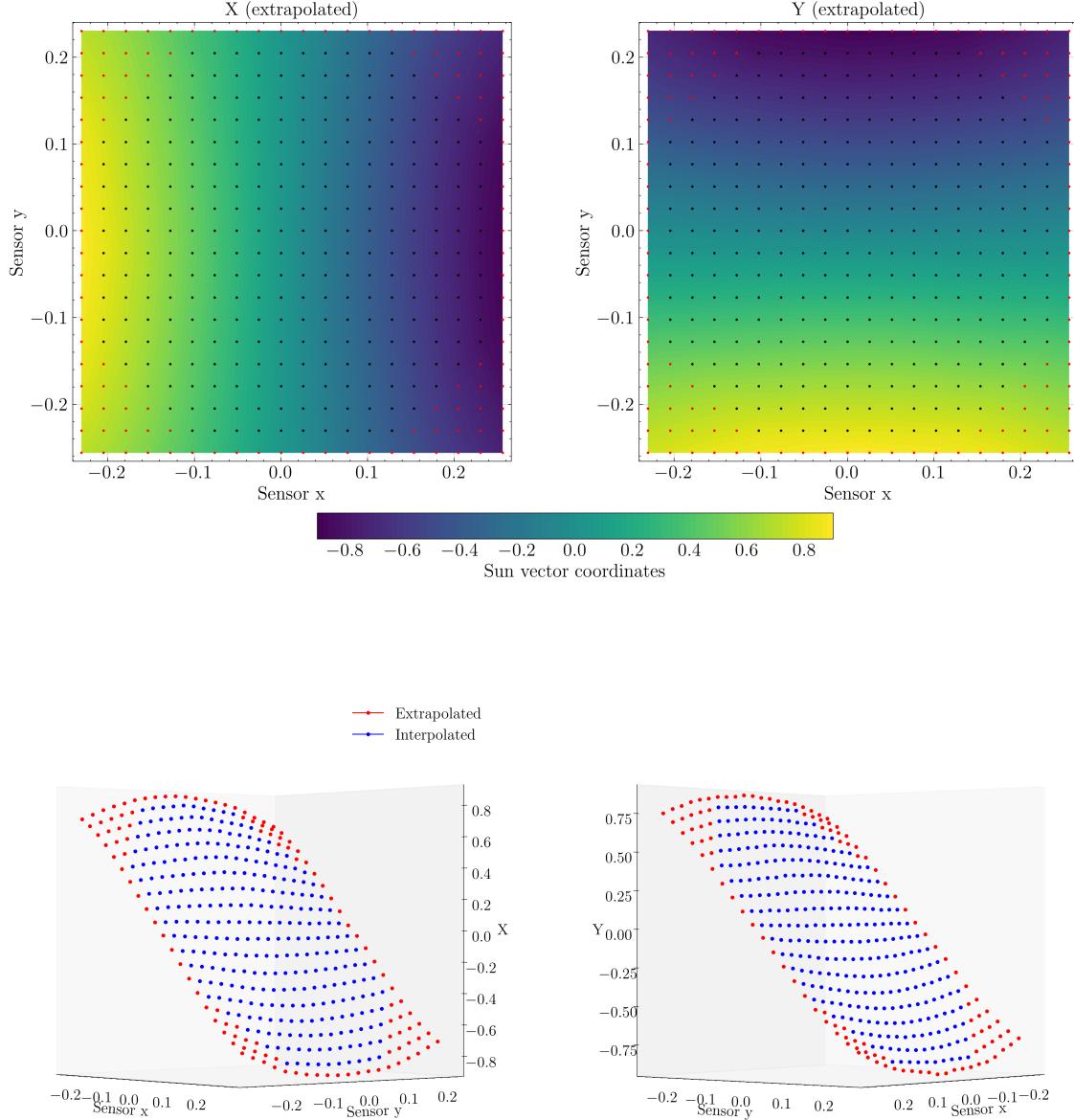




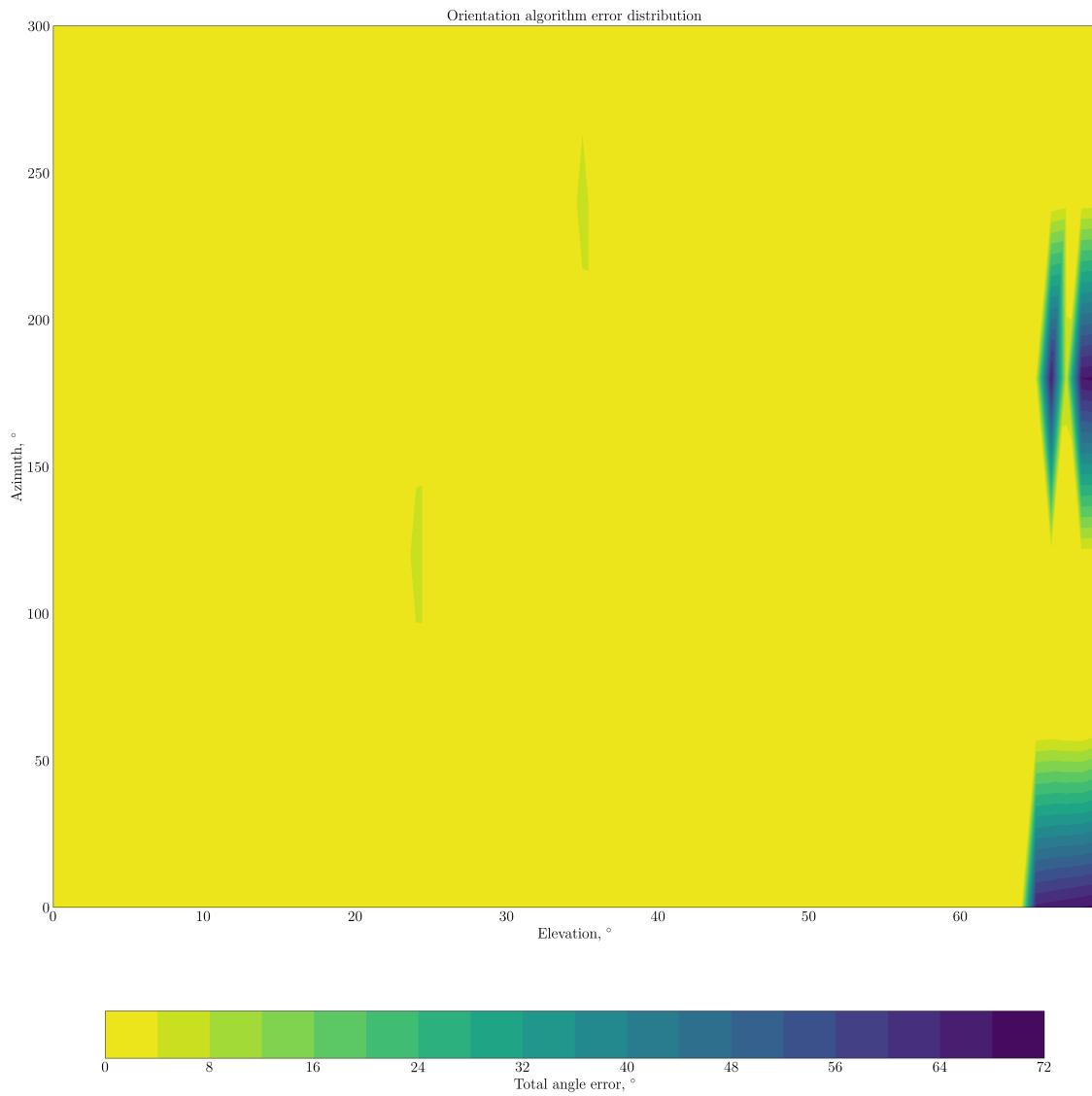
4 Second calibration results with cubic extrapolation



4.1 Final results



5 Algorithm error assessment



- Error is less than mean + std
- ★ Error more than mean + std
- Mean error is: 1.679°
- Error standart deviation is: 9.162°

