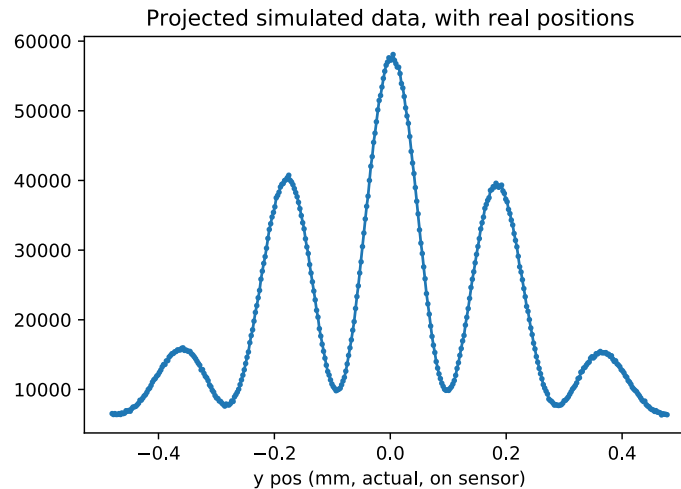
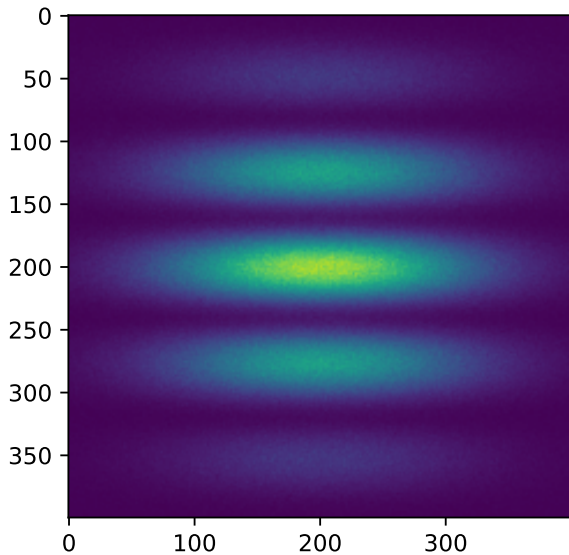


Simulation of the multi-view imaging system with differentiable ray tracing

June 2021

Calibration studies

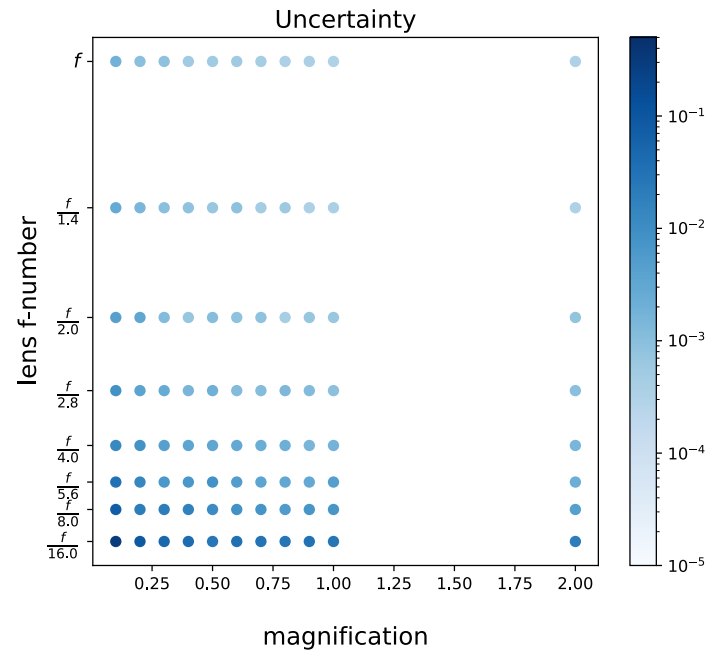
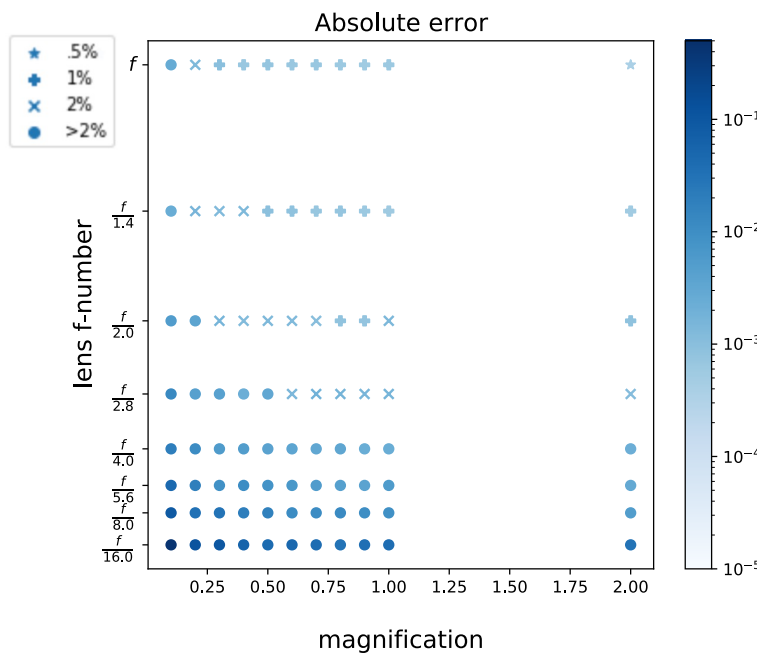
- How do the magnification and lens f-number affect the ability to fit the phase?
 - 1d curve fitting.
 - Could be improved by fitting the phase in 3d w/ the simulator.



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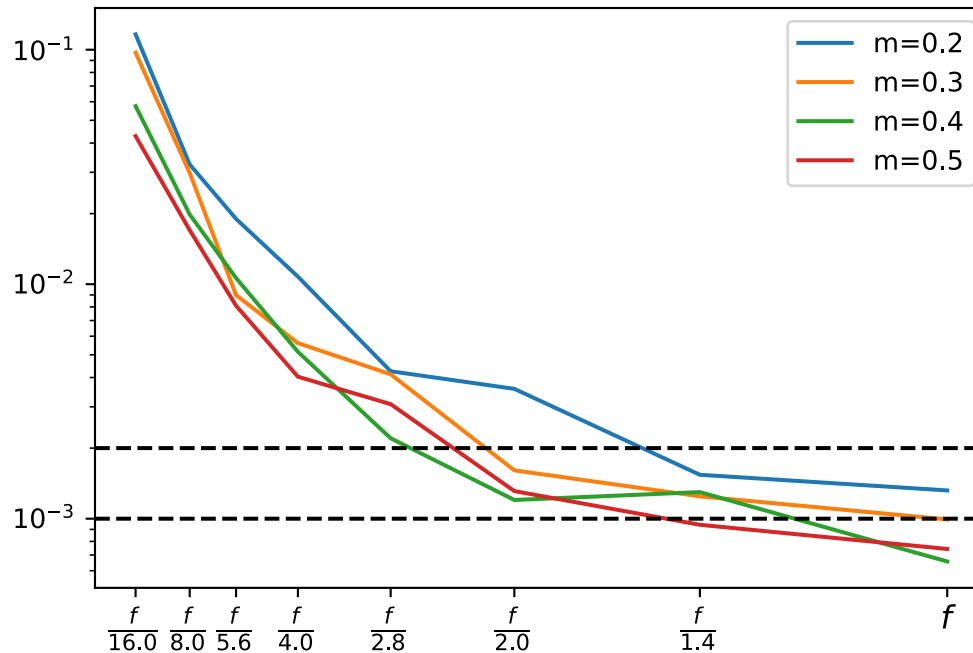
Calibration studies

- The higher the magnification and lens f-number, the better.
 - Although the number of photons / pixel decreases when the magnification increases.
 - It seems that the DoF has no noticeable effect.



Calibration studies

- $m=0.243$ and $m=0.4$ seem reasonable.



Calibration studies

