SSIM vs. Reconstruction Time

a

- PtyRAD
- PtyShv
- py4DSTEM

26 sec

310 sec

166 sec

200 iterations, batch size 16
12 probes, 6 slices

b PtyRAD

200 iters
≈ 5285 sec   5 Å

c PtyShv

200 iters
≈ 33189 sec   5 Å

d py4DSTEM

200 iters
≈ 61935 sec   5 Å

e Ground Truth

5 Å

Phase Shift (rad)