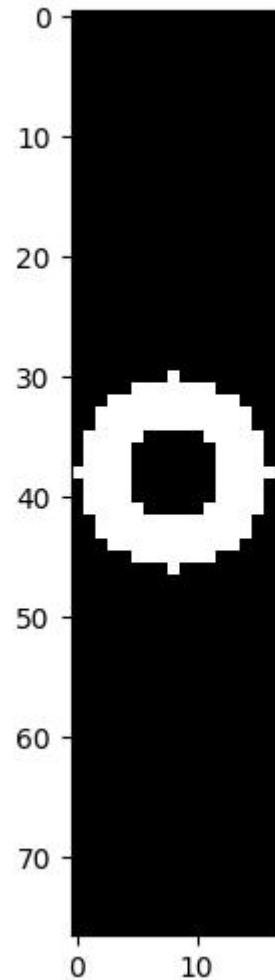
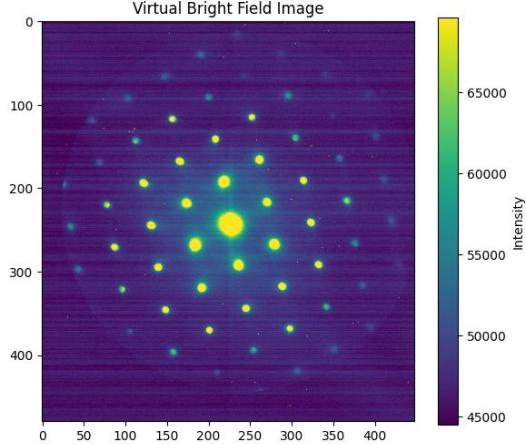


Task 1

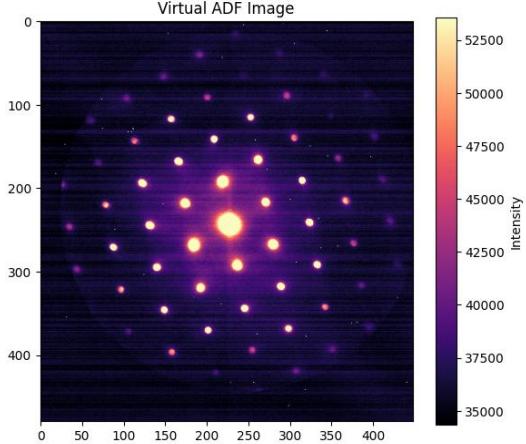
Virtual ADF Detector Mask



Virtual Bright Field Image



Virtual ADF Image



### Task 2

CoM correction implemented manually (API not available in this py4DSTEM version).

==== Reciprocal-space Calibration Note ===

Radial distances currently in pixels. Conversion to  $\text{\AA}^{-1}$  : multiply by 0.01  $\text{\AA}^{-1}/\text{pixel}$ .

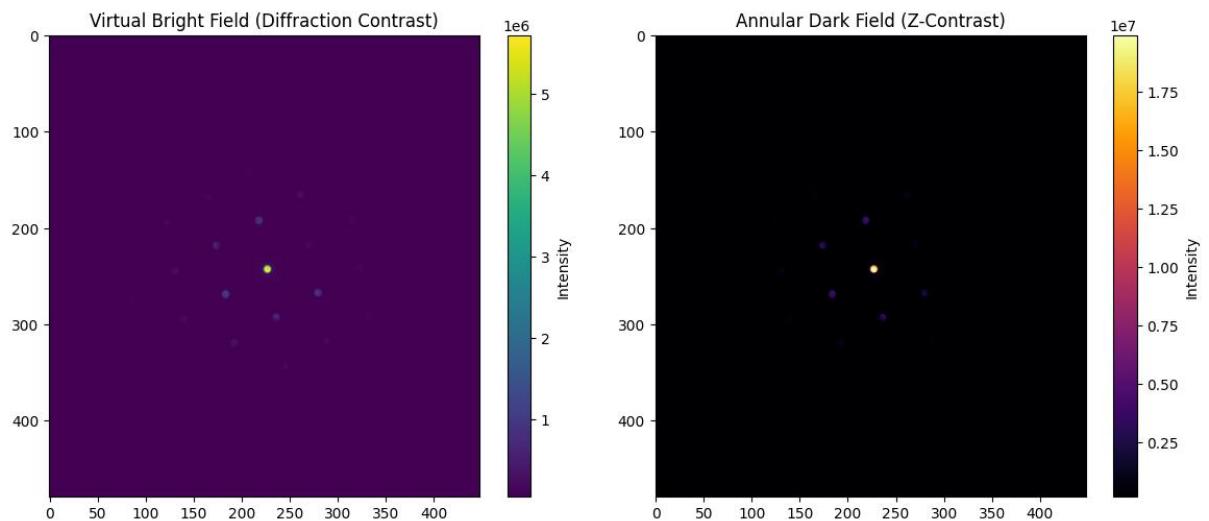
Full reciprocal-space calibration (Au standard) will be completed in Task 3/4.

Task 2 completed!

Total intensity shape: (480, 448)

Radial profile shape: (480, 448, 100) ,

### Task 3



#### Task 4

Virtual ADF Image (Si/SiGe Interface)

