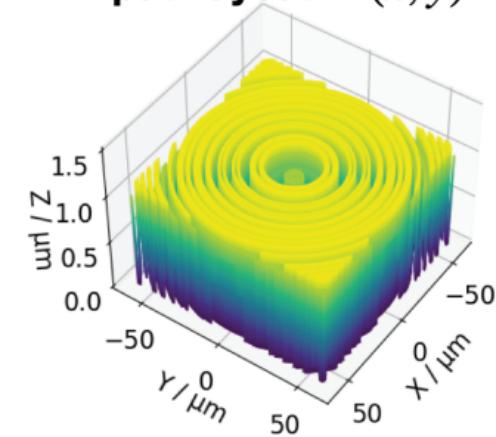
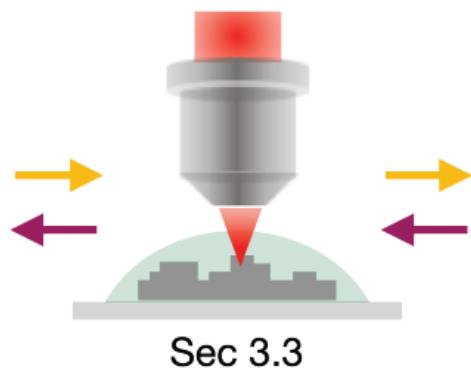


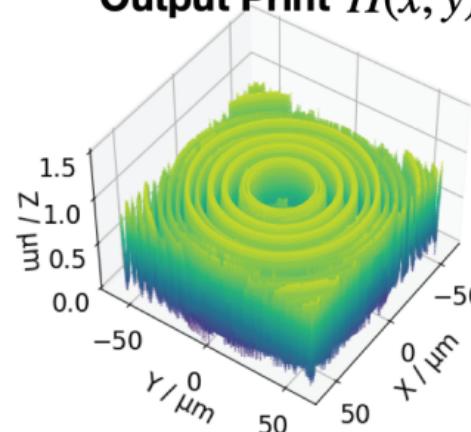
Input Layout $M(x, y)$



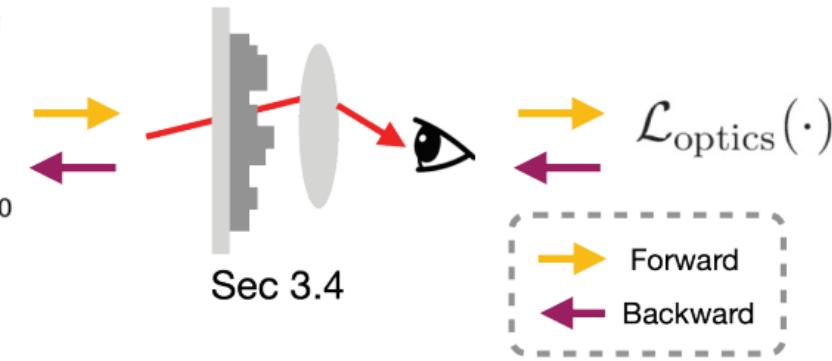
Litho System $\hat{g}_\theta(\cdot)$



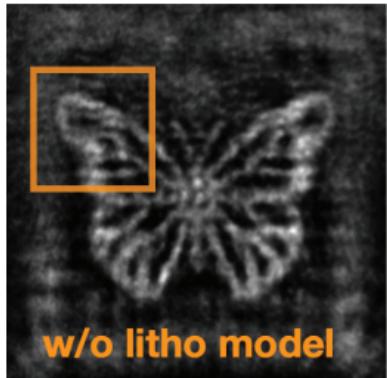
Output Print $\hat{H}(x, y)$



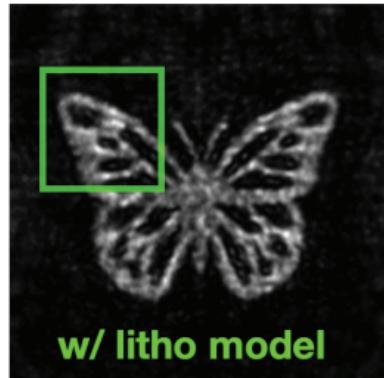
Optical System $f_{\text{optics}}(\cdot)$



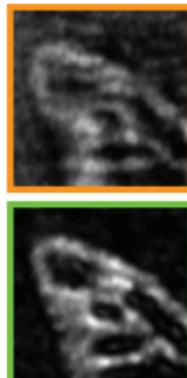
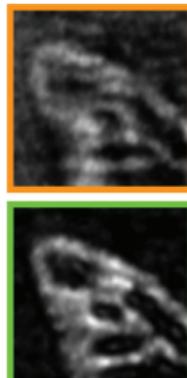
Downstream Task 1: HOE



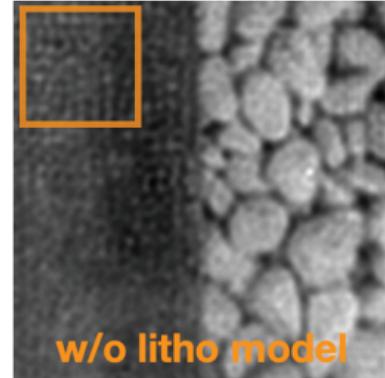
w/o litho model



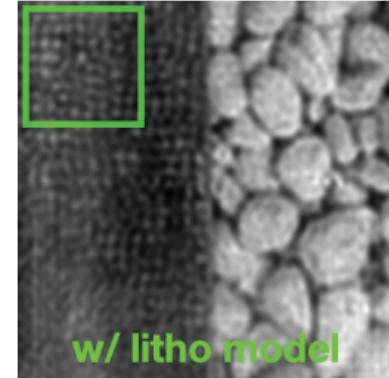
w/ litho model



Downstream Task 2: MDL



w/o litho model



w/ litho model

