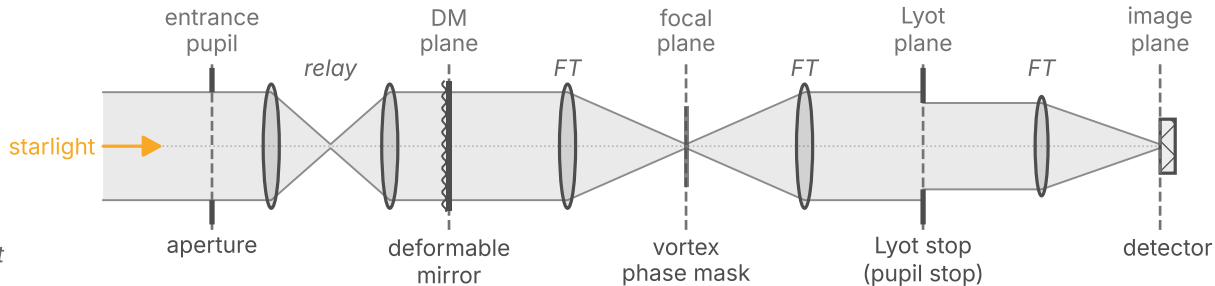
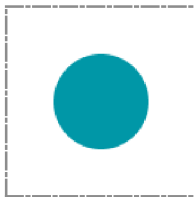


plane

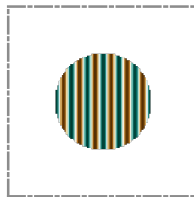


what the  
element  
applies

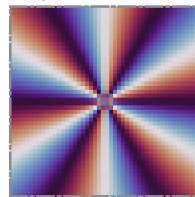
face-on,  
x right,  
y up



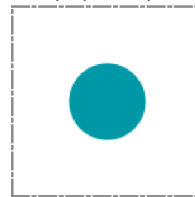
transmission A  
(2  $D$  wide)



-1  +1 nm  
static wavefront  
error  $W$  (DM flat),  
6 cycles across  $D$



- $\pi$    $\pi$   
charge-6 vortex  
phase, 24  $\lambda/D$  wide



stop transmission  
(0.8  $D$  open)

*illustrative, unfolded;  
not to scale*