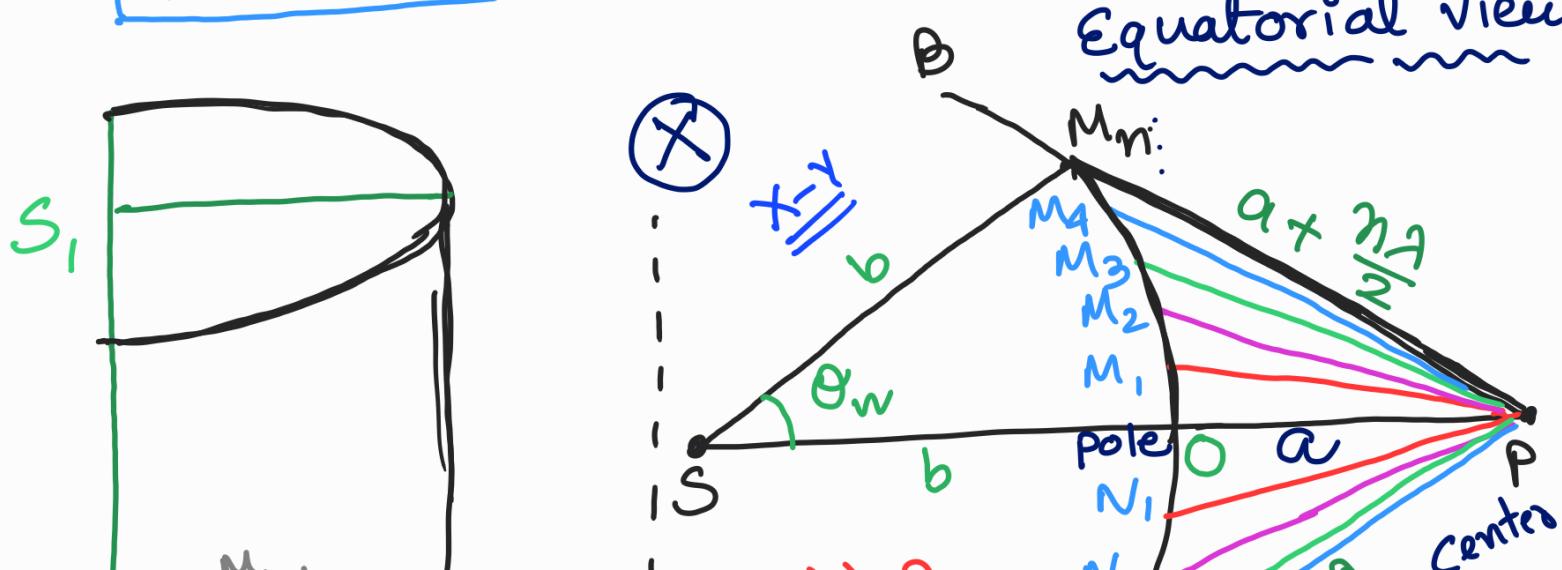
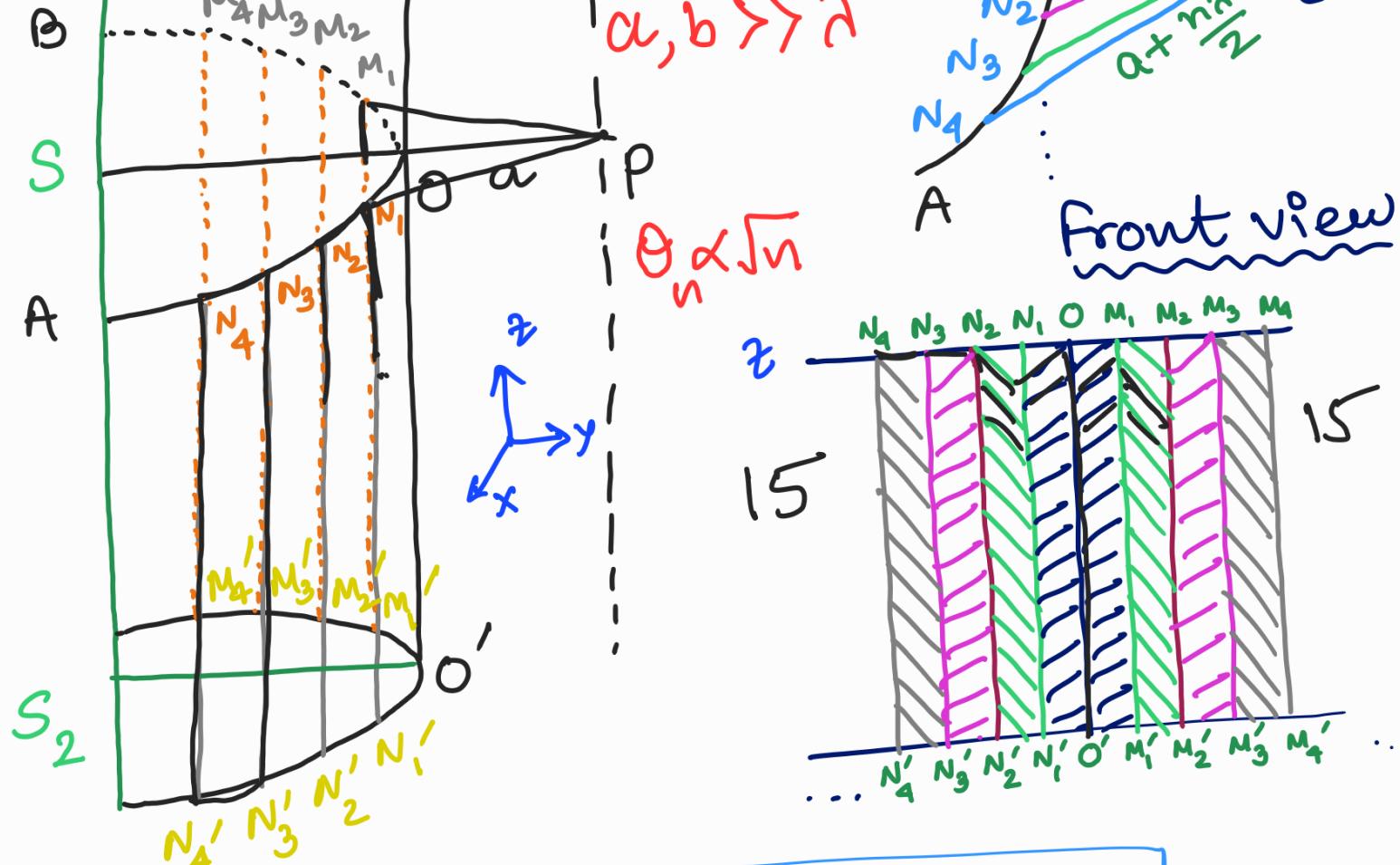
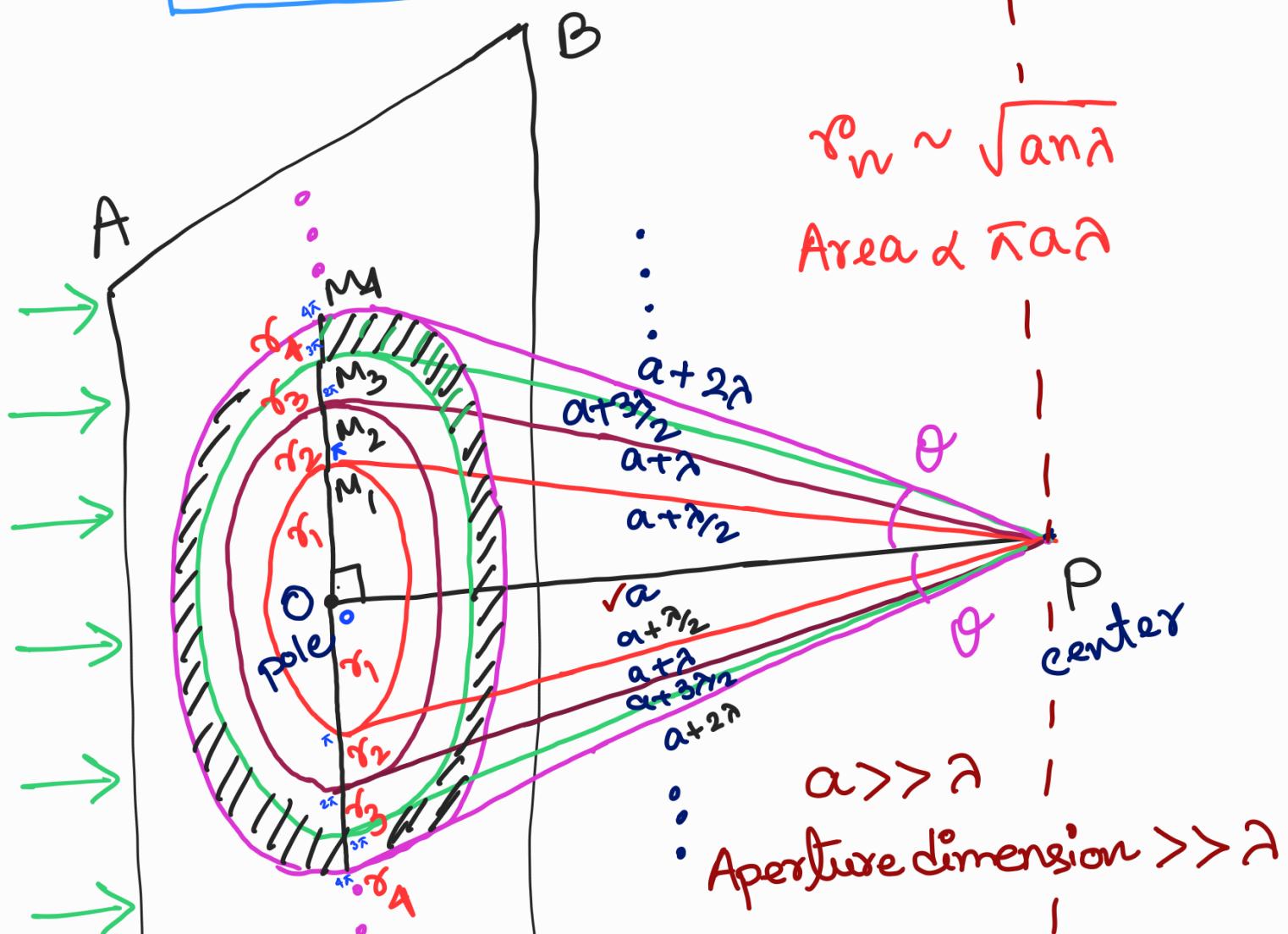


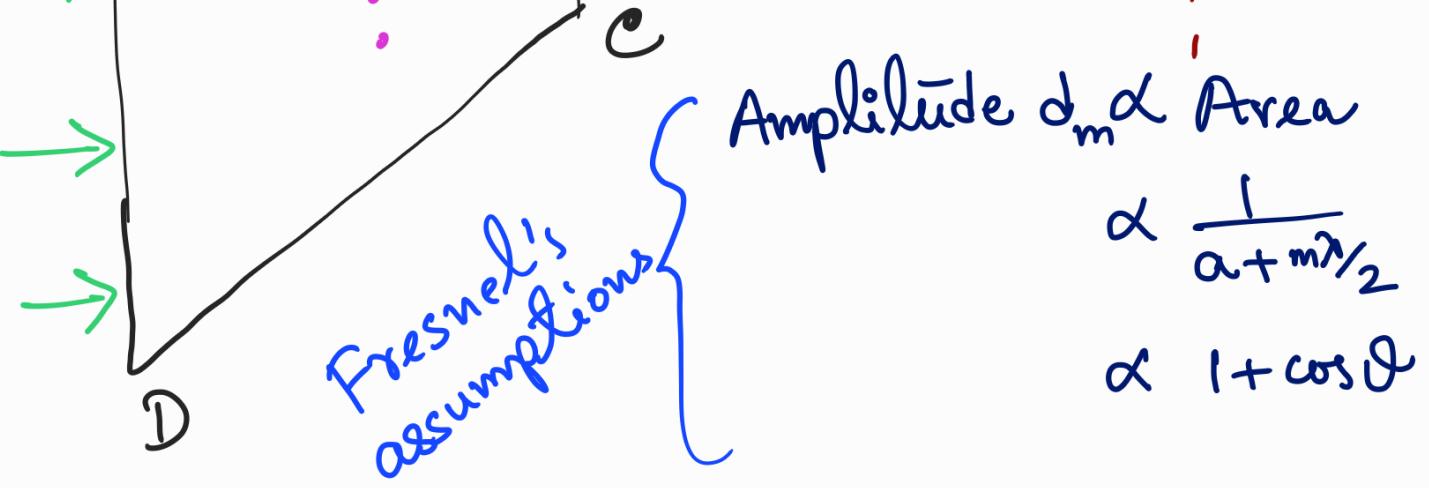
## FRESNEL'S STRIP



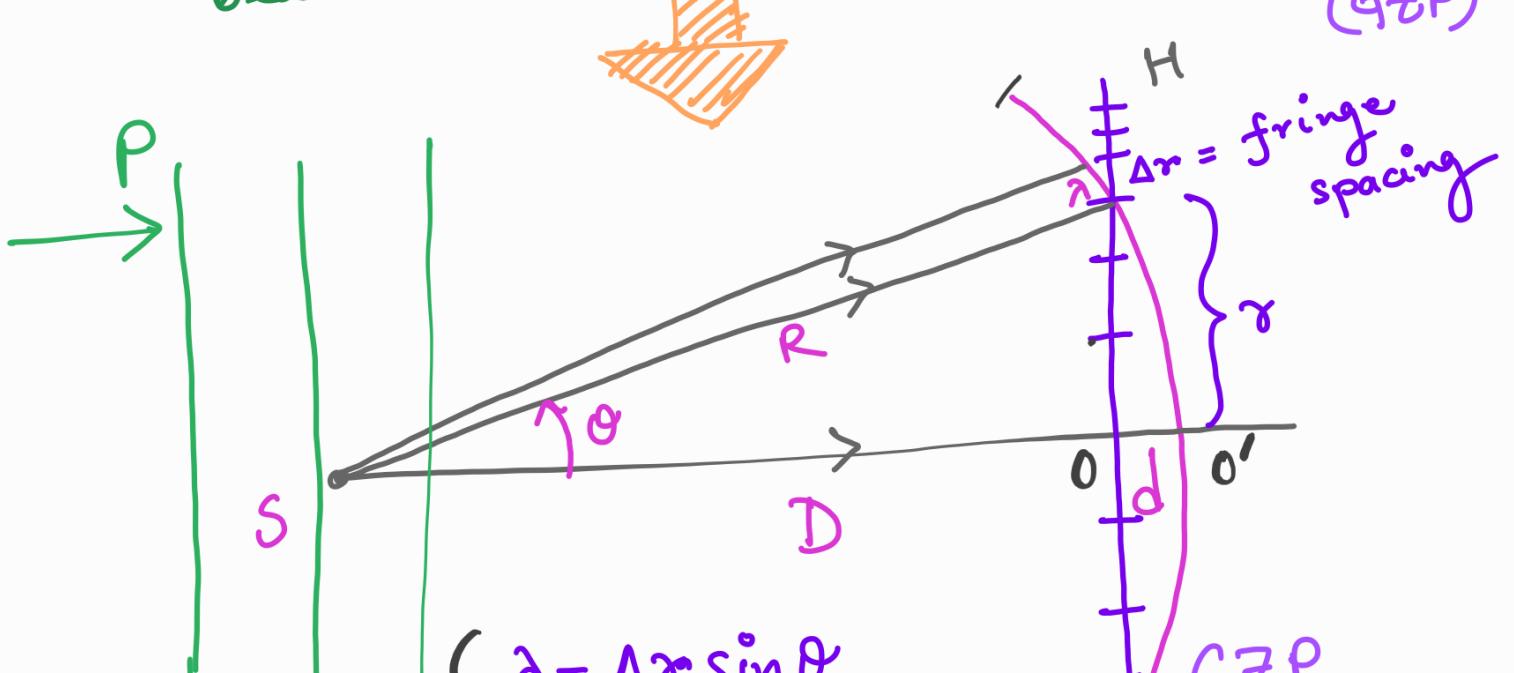
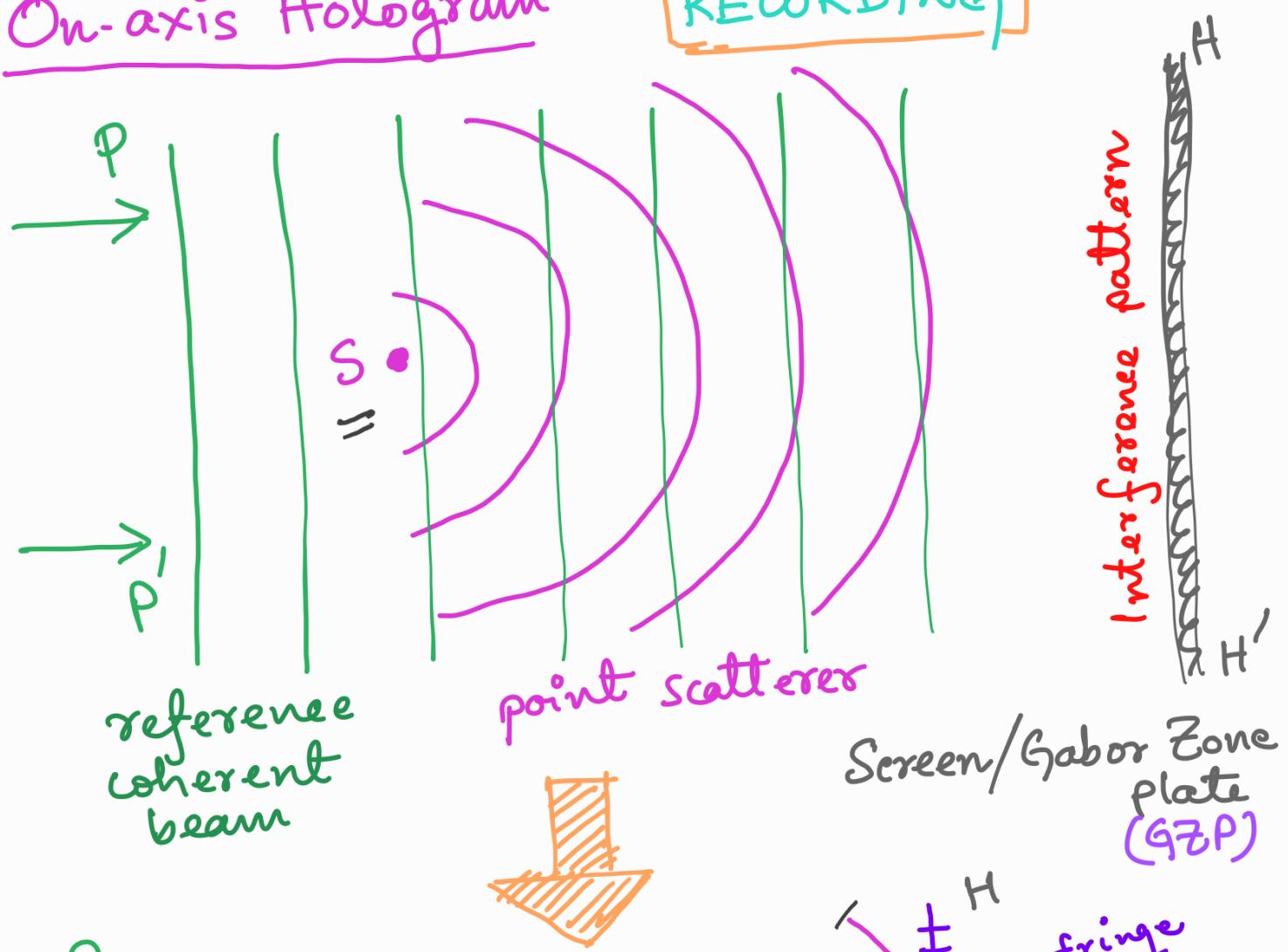


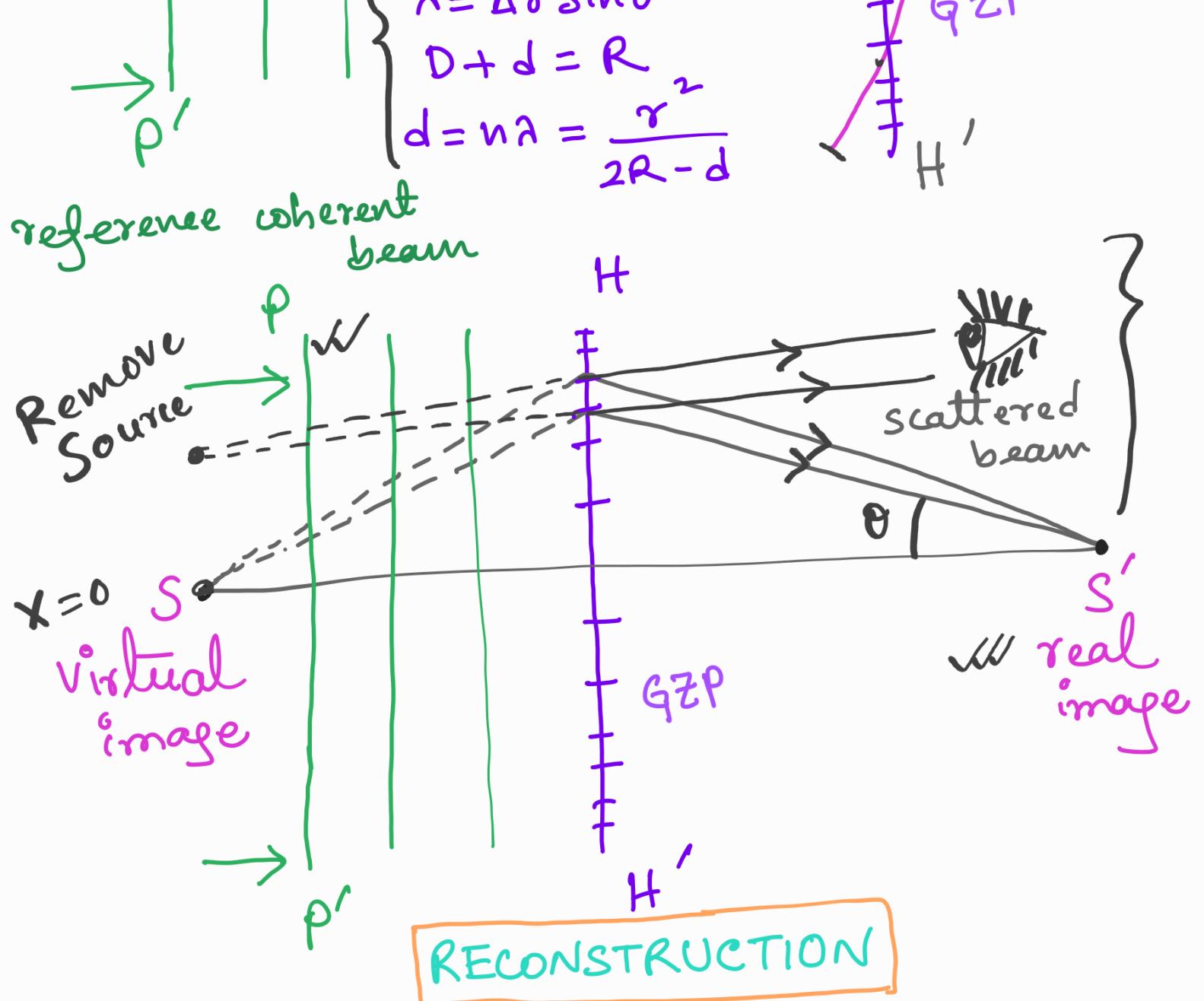
## FRESNEL'S ZONE





## On-axis Hologram





Difficulty : (A) Strict coherence  $\rightarrow$  LASER  
 (B) Real image is on the right of Gabor Zone plate & comes in between of eye & virtual image.

$\rightarrow$  OFF-AXIS HOLOGRAM  
 (Leith & Upatnick, 1962)

- # planewave requirement of reference beam not required
- # object can be illuminated from any side of GZP
- # separate real & virtual image; separate reference & scattered beam

beam width