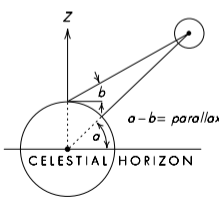
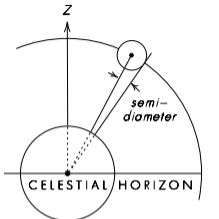
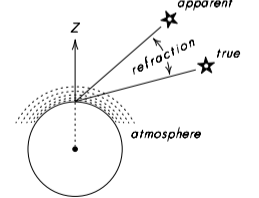
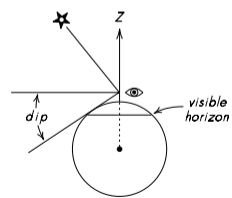
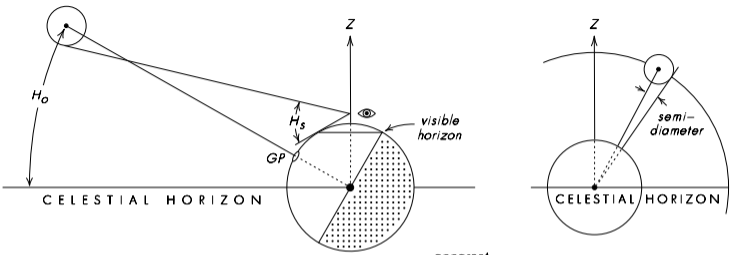
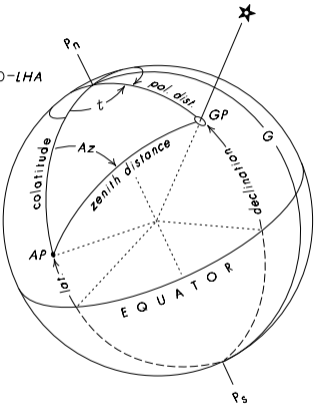


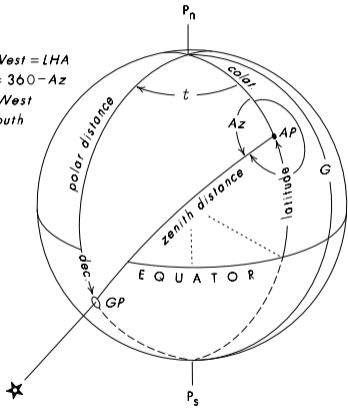
- $A\lambda$  assumed longitude
- AP assumed position
- $d$  declination
- G Greenwich meridian
- GP geographic position
- $H_o$  observed altitude
- $H_s$  sextant altitude
- LHA local hour angle
- $P_n$  North celestial pole
- $P_s$  South celestial pole
- $t$  meridian angle
- Az azimuth angle
- Z zenith
- $Z_n$  true North azimuth



$t$  East =  $360 - LHA$   
 $Z_n = Az$   
 $A\lambda$  West  
 $d$  North



$t$  West = LHA  
 $Z_n = 360 - Az$   
 $A\lambda$  West  
 $d$  South



$t$  West = LHA  
 $Z_n = 360 - Az$   
 $A\lambda$  East  
 $d$  North

