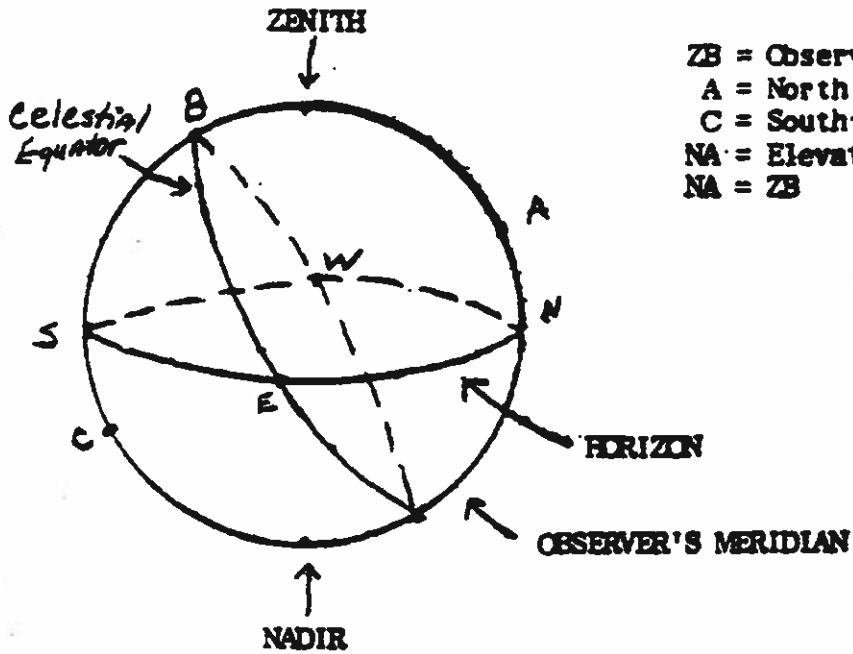
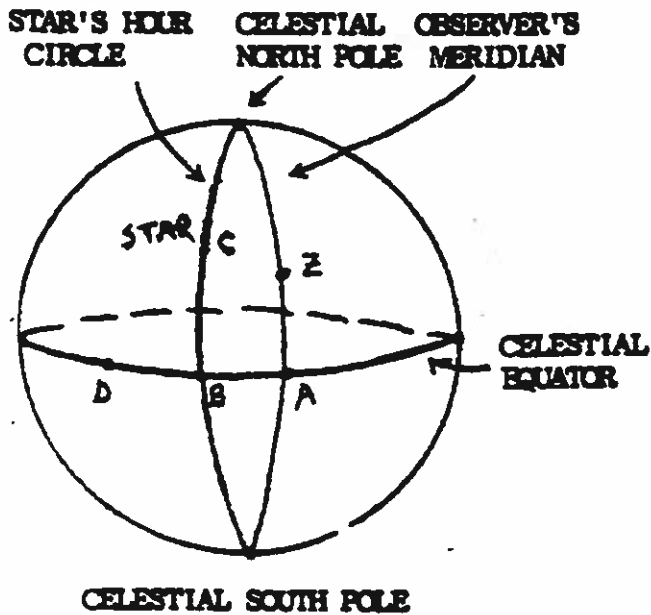


NOTES ON CELESTIAL COORDINATES AND TIME



ZB = Observer's Latitude
 A = North Celestial Pole
 C = South-Celestial Pole.
 NA = Elevation-of North-Celestial-Pole
 NA = ZB



z = Zenith
 AB = Star's hour angle
 DB = Star's Right Ascension
 EC = Star's declination

Hour Angle (HA) = Angle measured westward along the celestial equator from the observer's meridian to the star's hour circle. (measured in time units)

Right Ascension (RA) = Angle measured eastward along the celestial equator from the Vernal Equinox to the star's hour circle (measured in time units)

Declination () = Angle measured along the Star's hour circle from the celestial equator to the (angle units)