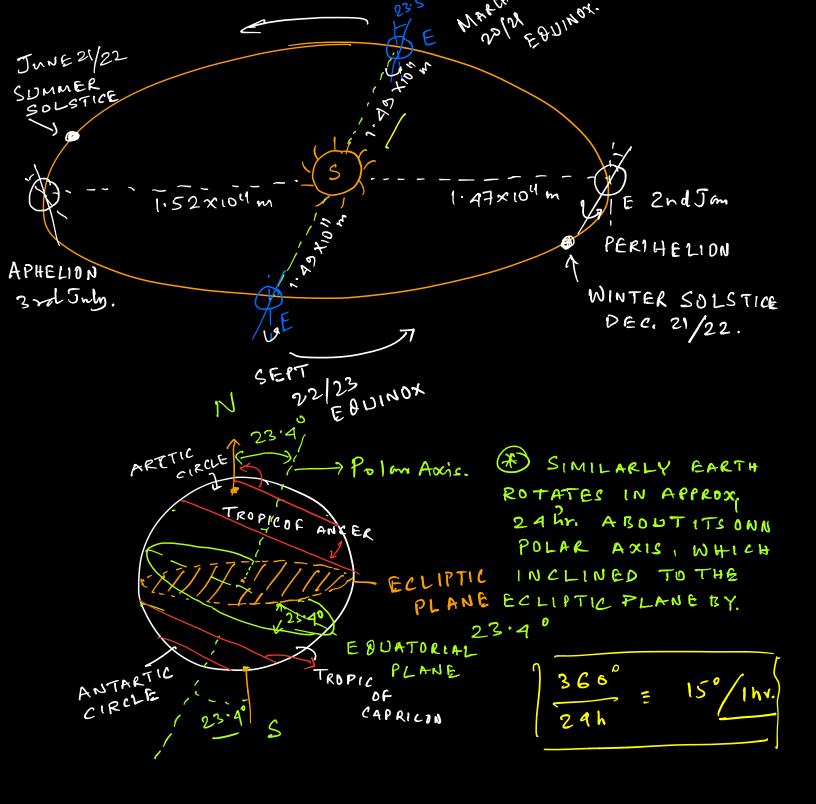


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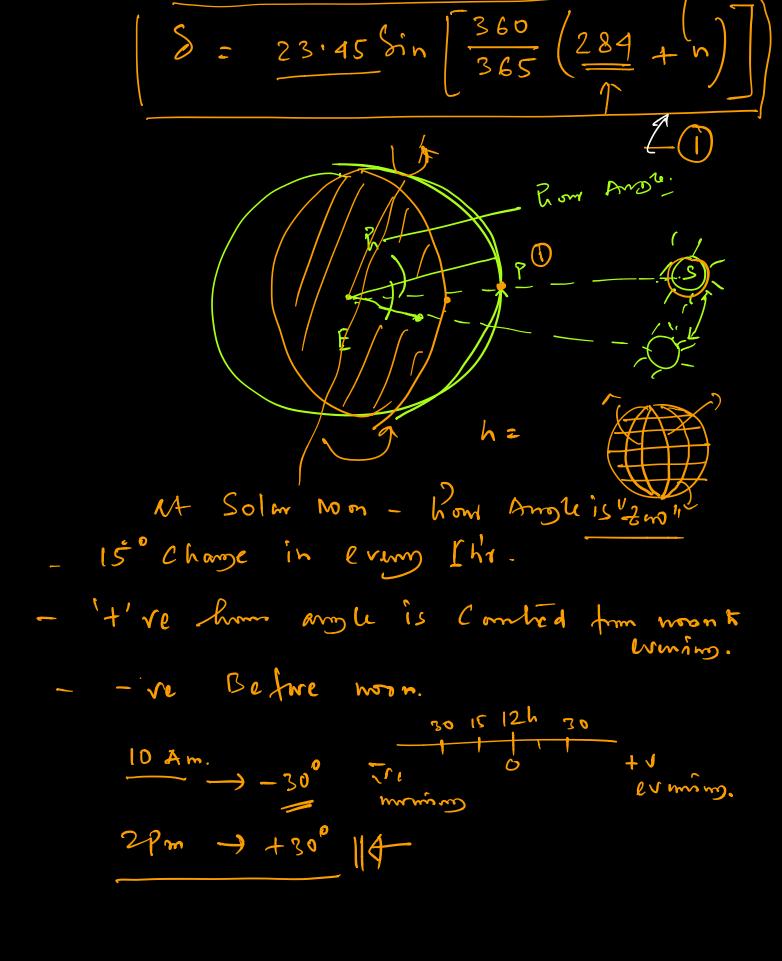


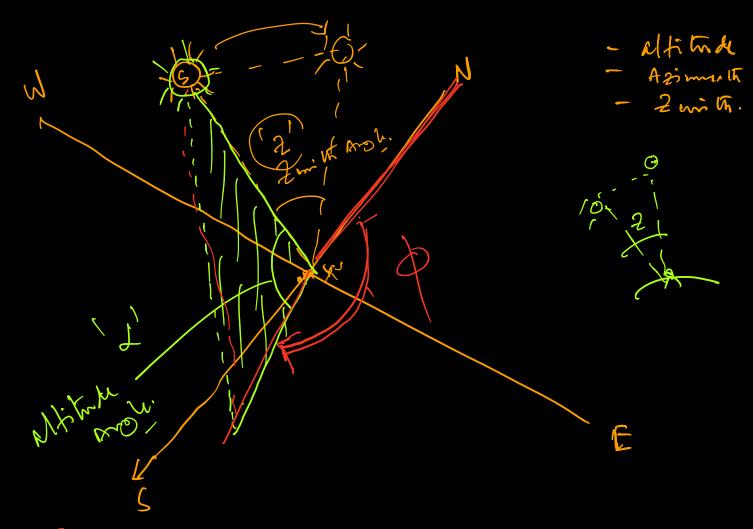
Two Types of Amoles:

Earth - Sm Angle:

- DECLINATIONAngle (8)
- hour Amyle (h)

Obsuru-Sm Angles. 2 mi tr Amle (2) Solar Azimult Angle (4) Solar ALTITUDE ANGLE (X) Do declination MAX Value + 23.4 . 4 minim - 23,40 +23.5+ Feb March April May Jun July





SOLAR AZIMUTH ANGLE IS DEFINED ON ED AS THE ANGLE MEASURED ON THE HORIZONTAL PLANE, CLOCKWISE FROM - NORTH - POINTING CO-ORDINATE AXIS TO THE PROJECTION OF THE CENTRAL SUN-RAY ON THE HORIZON TAL PLANE

165-2 = Sin x = Sin L Sin 5 + Ws L Ws 8 Ws h

Sin 4 = Ws 8 Sin h

(3)

hs d

Latinde Angle.

Latinde Angle.

Denith Angle

Latinde Angle

Latinde Angle

A finneth Angle.

Latinde Angle

A finneth Angle.