

## **Navigating the Cosmos:**

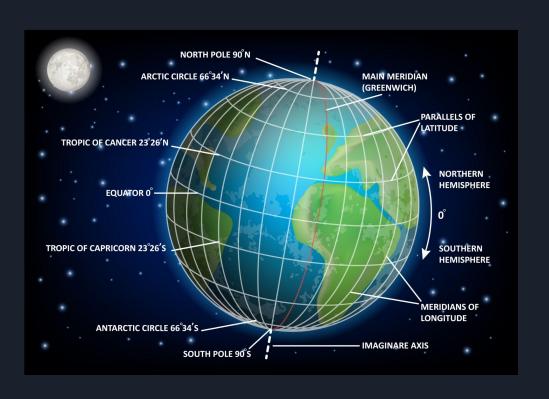
A Guide to the Different Coordinate Systems in Astronomy

—Vaishnavi Singh

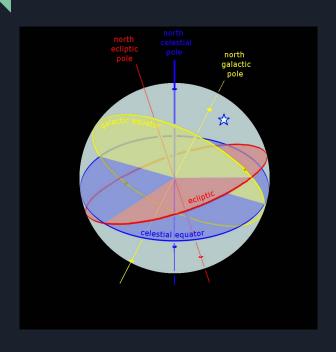
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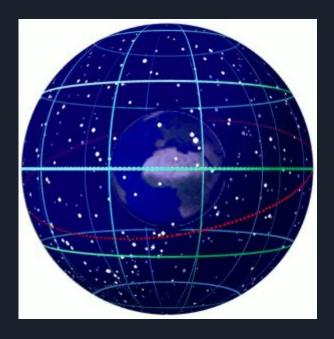
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### Geometrical Coordinate System

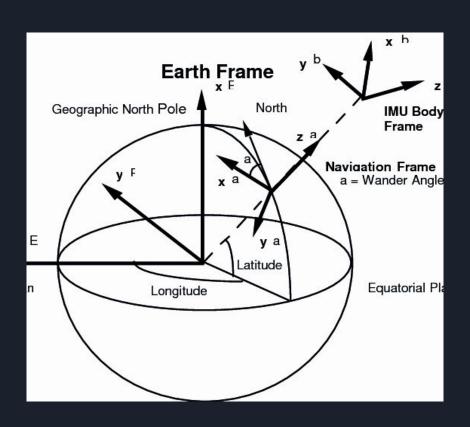


## Astronomical Coordinate System

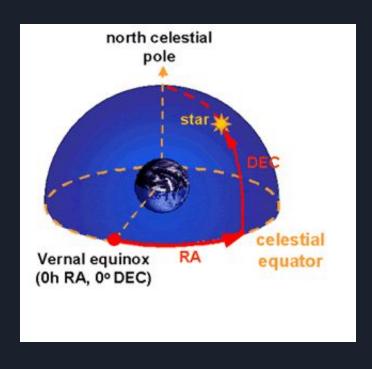




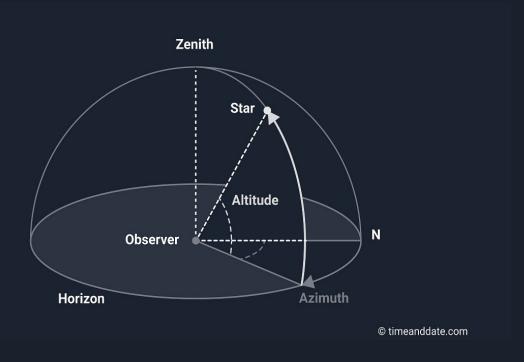
#### Reference Frames



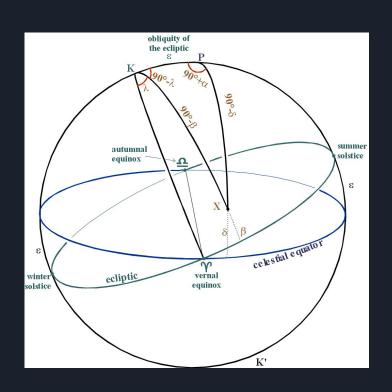
## Equatorial Coordinate System

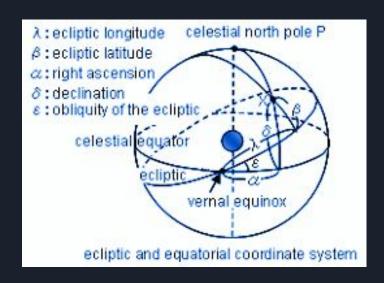


## Alt-Az Coordinate System

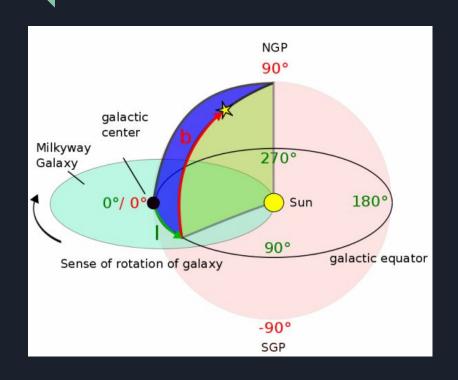


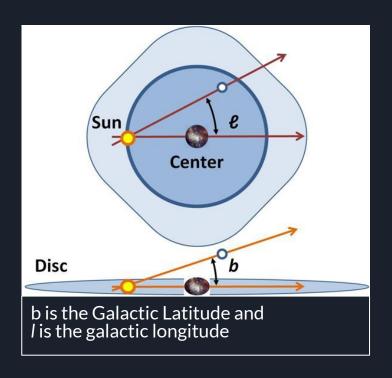
### Ecliptic Coordinate System



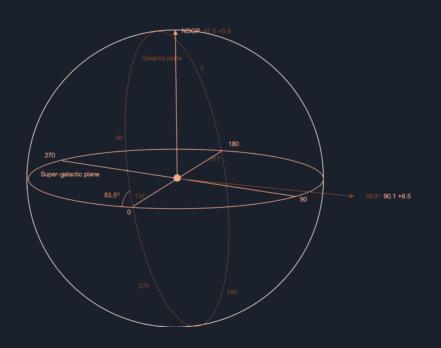


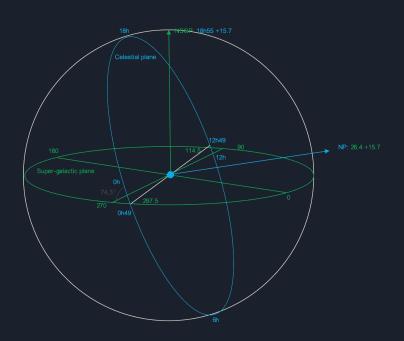
#### Galactic Coordinate System





# Supergalactic Coordinate System





Thank you!

