



C/ D. José Eco. de Bustos, 34
13320 Vva. de los Infantes (Ciudad Real)
Teléf.: 926-350543 Fax: 926-350544
E-Mail : sillanueva.raer@jccm.es

JORNADAS DE OBSERVACIÓN ASTRONÓMICA "INICIACIÓN A LA ASTRONOMÍA"

José María Sánchez Martínez



C/ D. José Eco. de Bustos, 34
13320 Vva. de los Infantes (Ciudad Real)
Teléf.: 926-350543 Fax: 926-350544
E-Mail : sillanueva.raer@jccm.es

LA ESFERA CELESTE

LAS ESTRELLAS

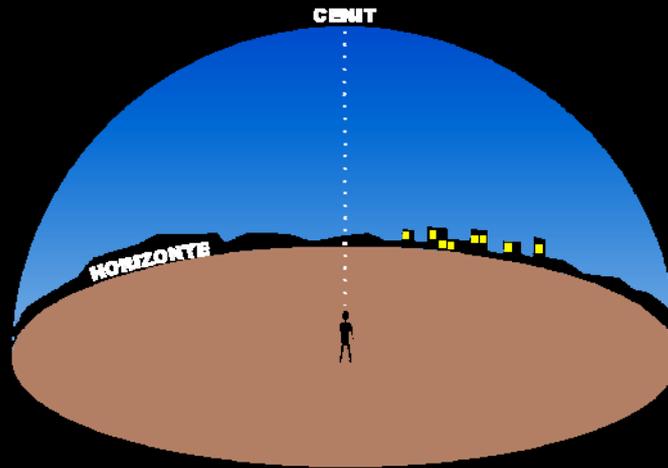
José María Sánchez Martínez

- 1.- LA ESFERA CELESTE
- 2.- EL MOVIMIENTO DIARIO DE LA ESFERA CELESTE
- 3.- LA ORIENTACIÓN EN EL CIELO MEDIANTE LAS CONSTELACIONES
- 4.- EL MOVIMIENTO APARENTE DEL CIELO

1. LA ESFERA CELESTE

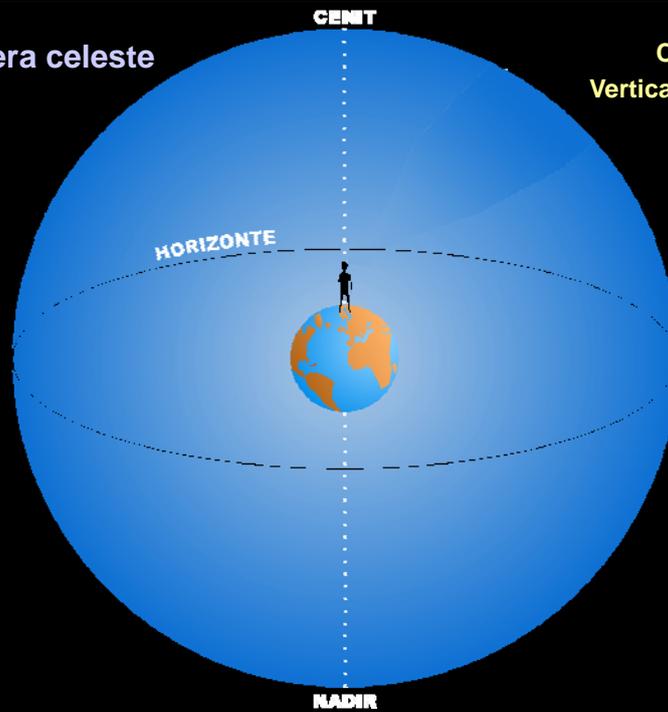
La esfera celeste

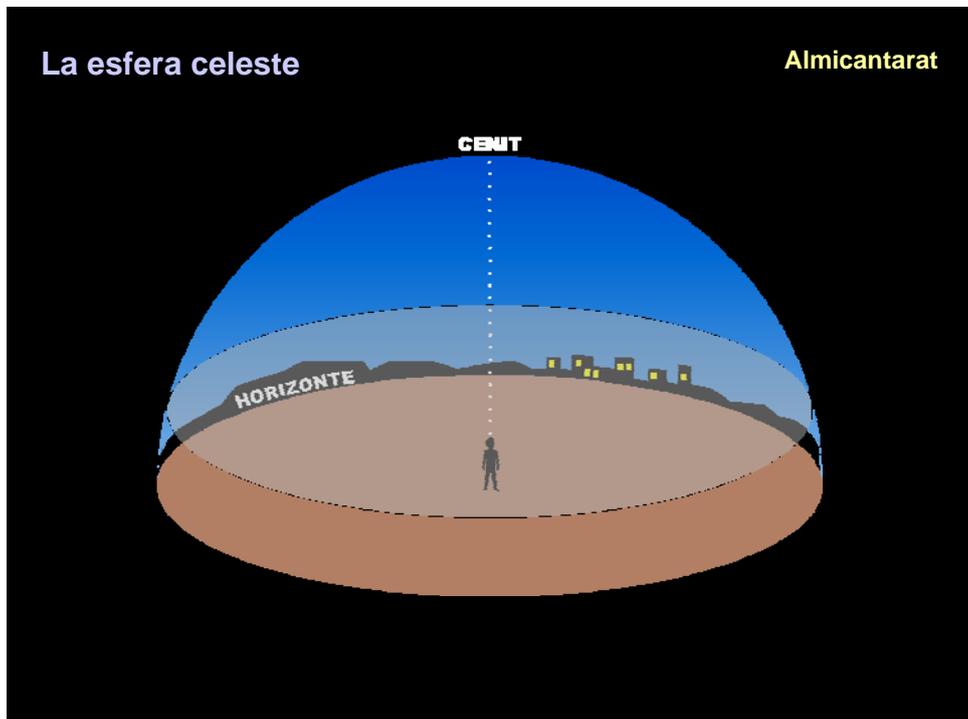
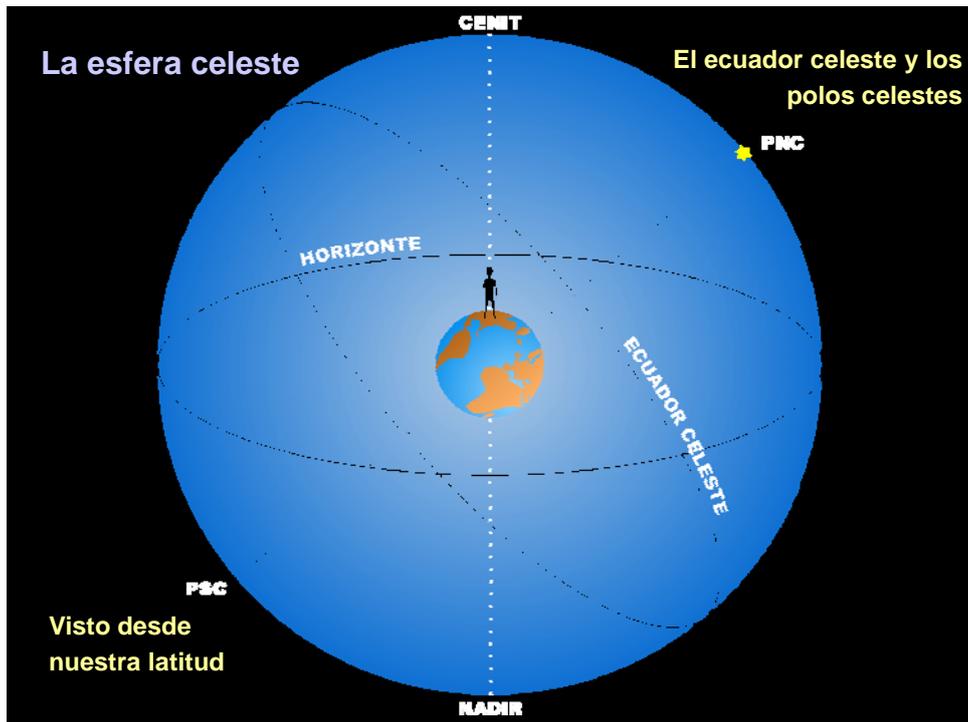
La bóveda celeste
El horizonte y el cenit



La esfera celeste

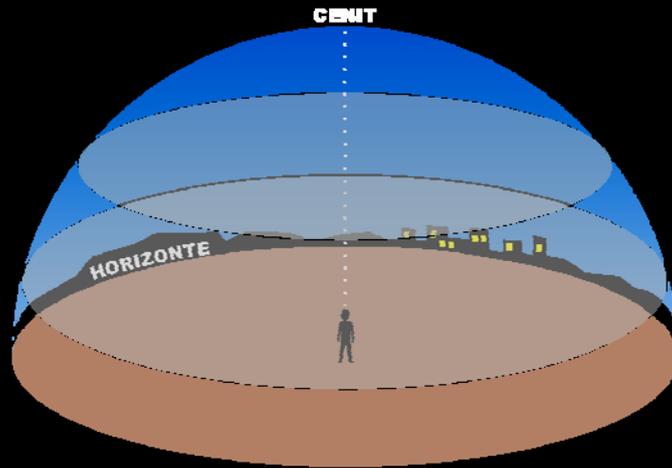
Cenit-Nadir
Vertical del lugar



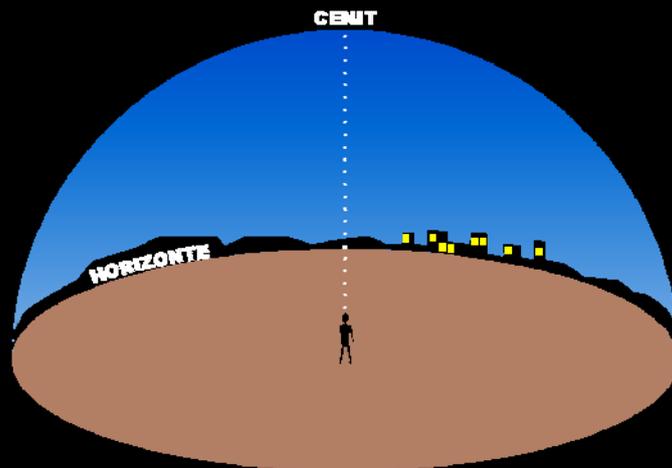


La esfera celeste

Almicantarat

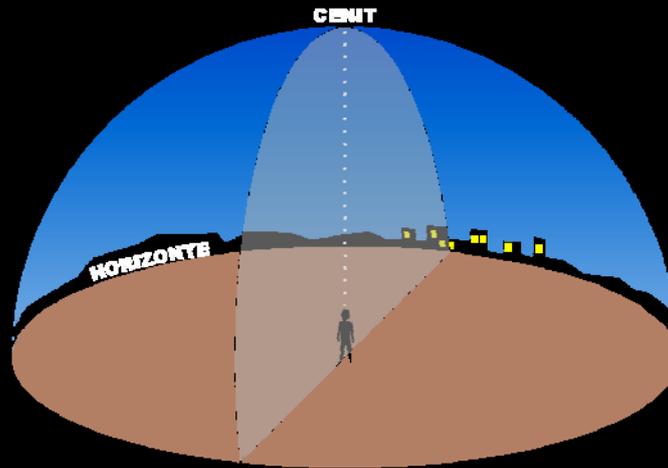


La esfera celeste



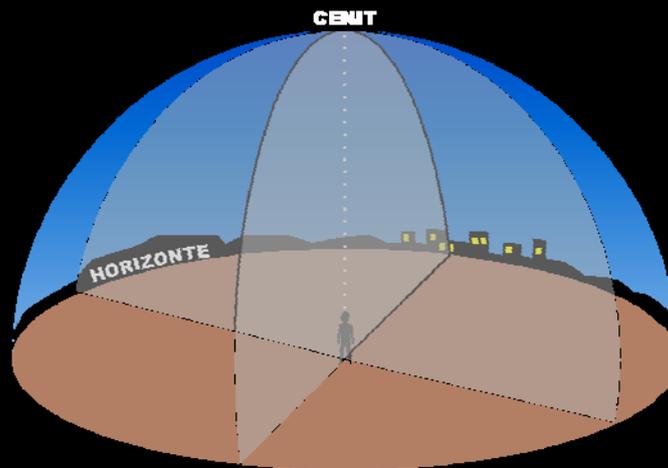
La esfera celeste

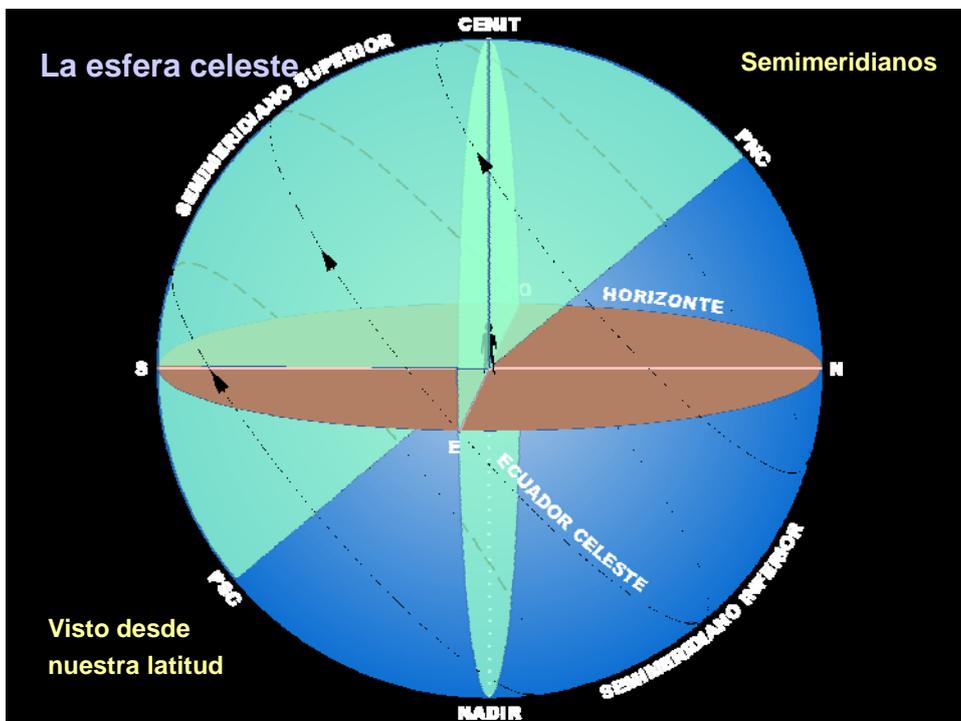
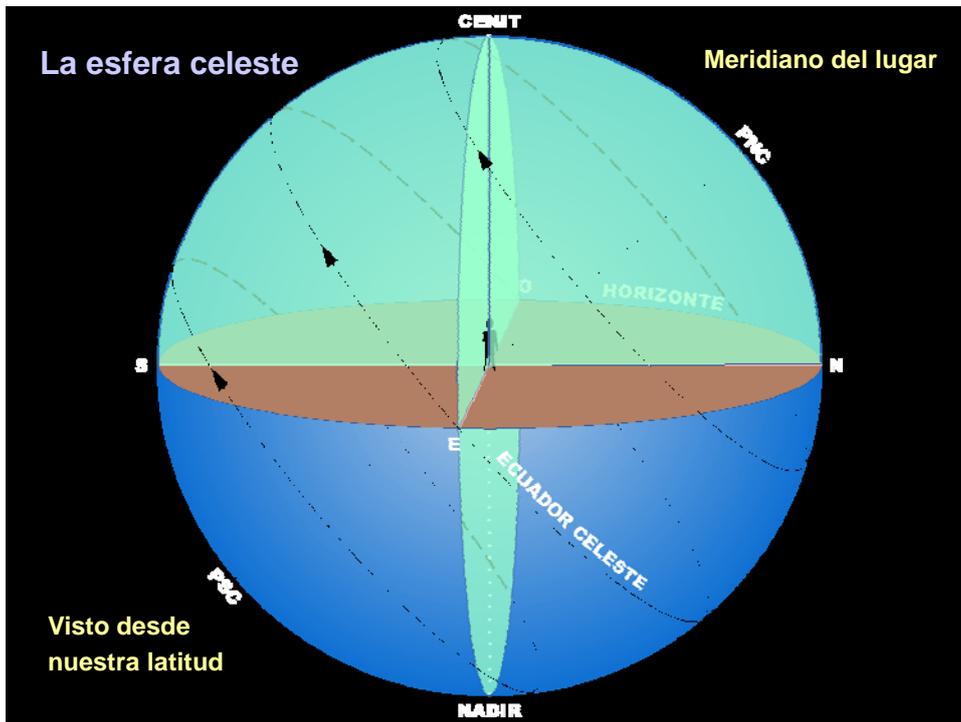
Plano o círculo vertical

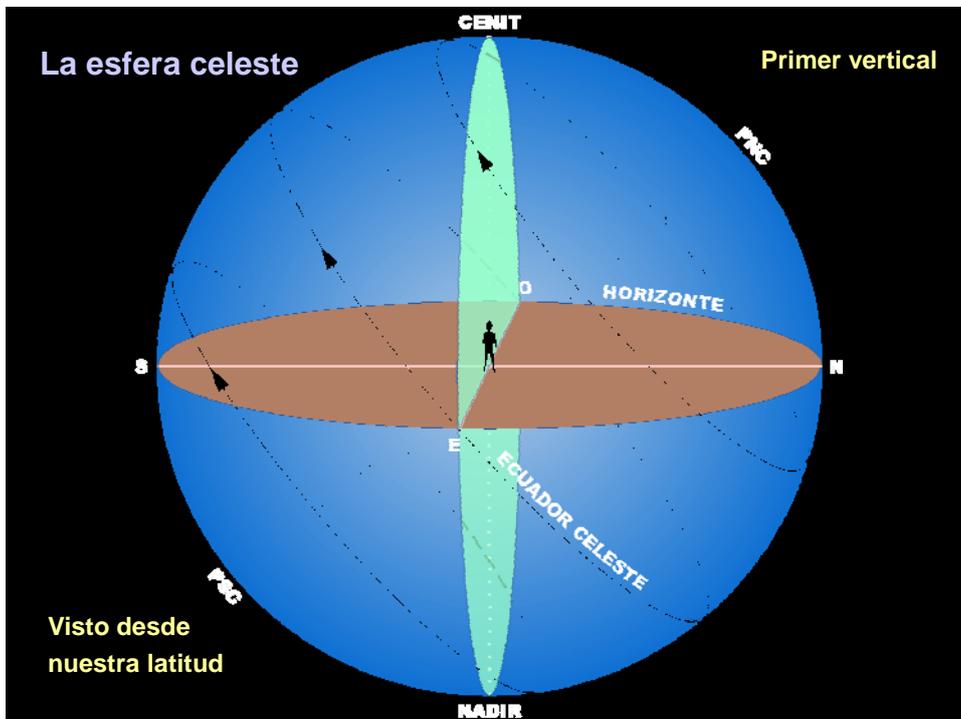
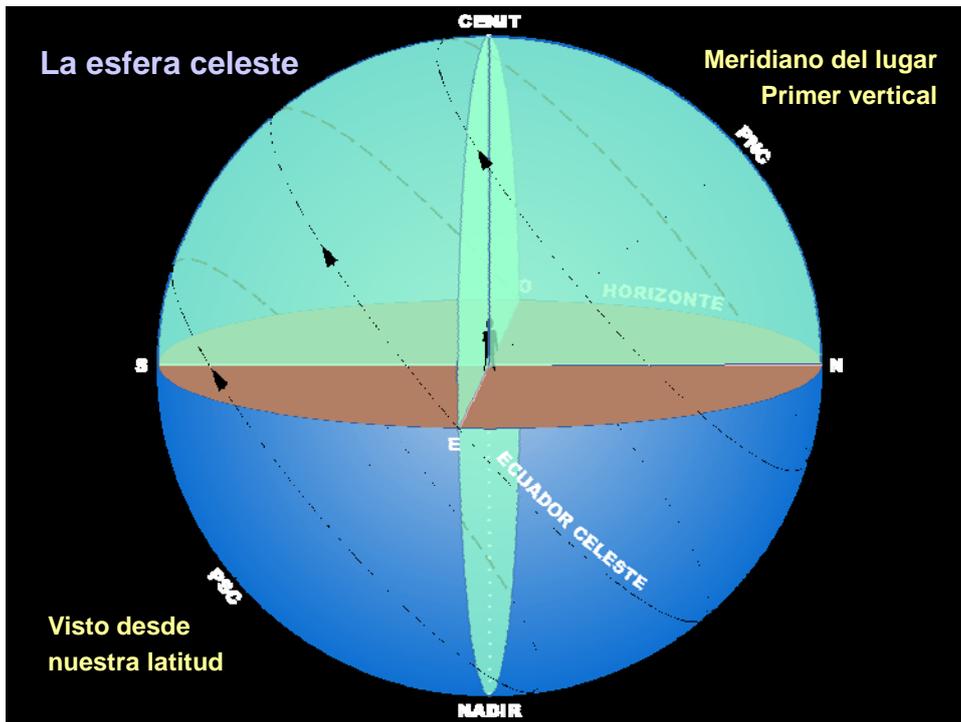


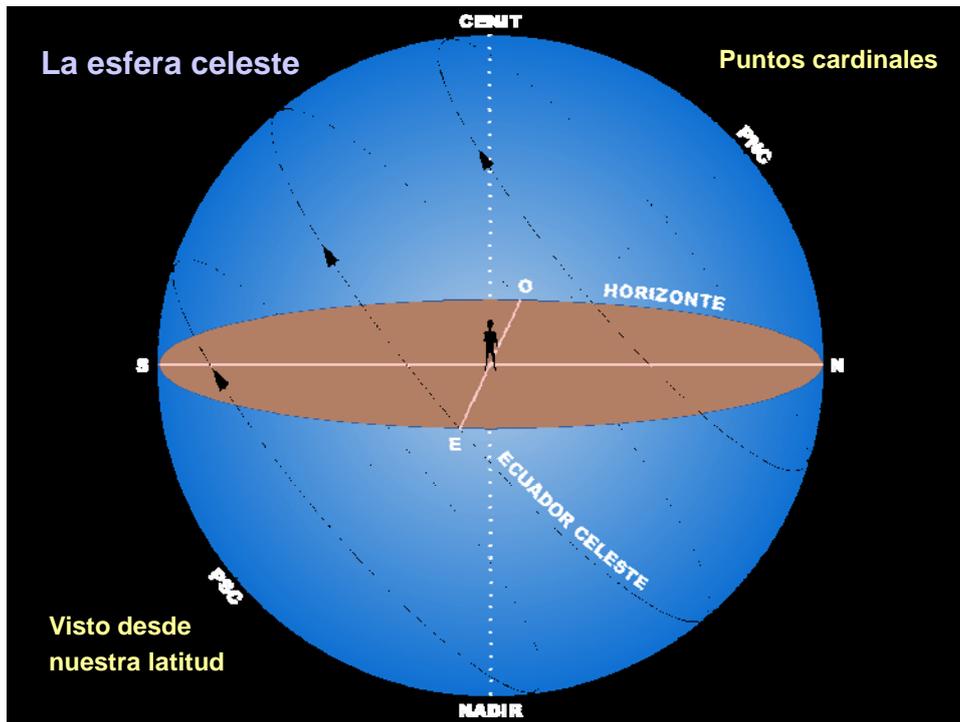
La esfera celeste

Plano o círculo vertical

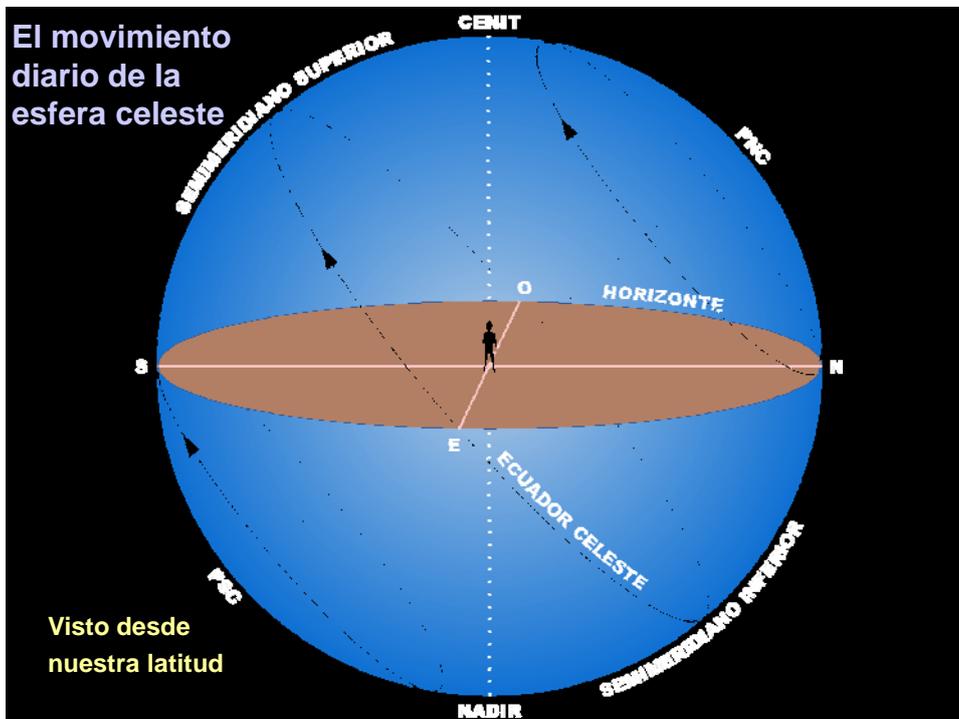
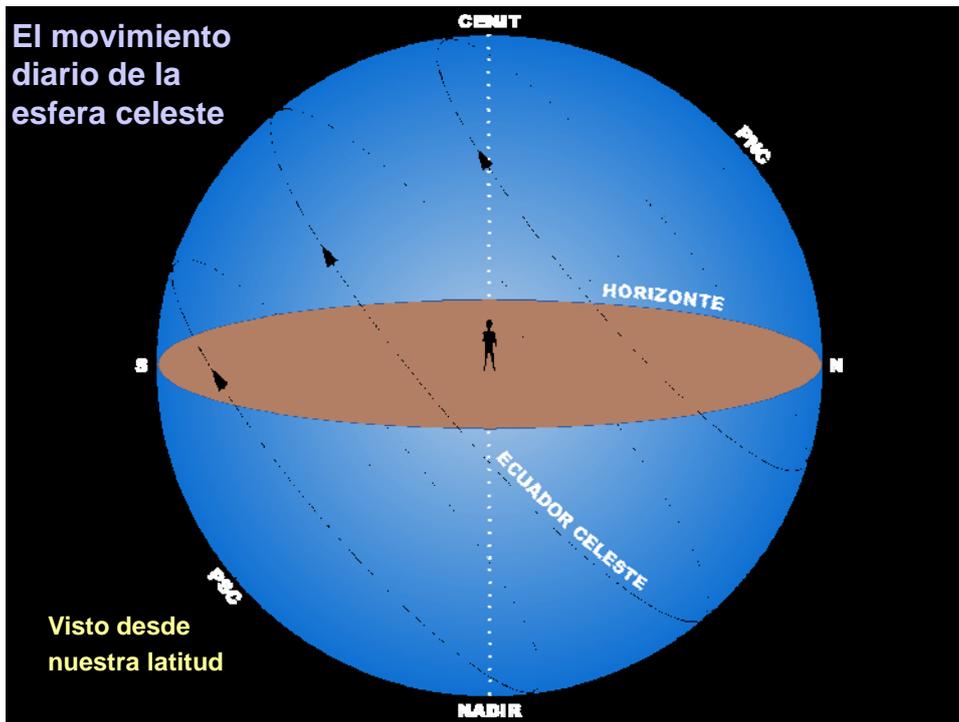


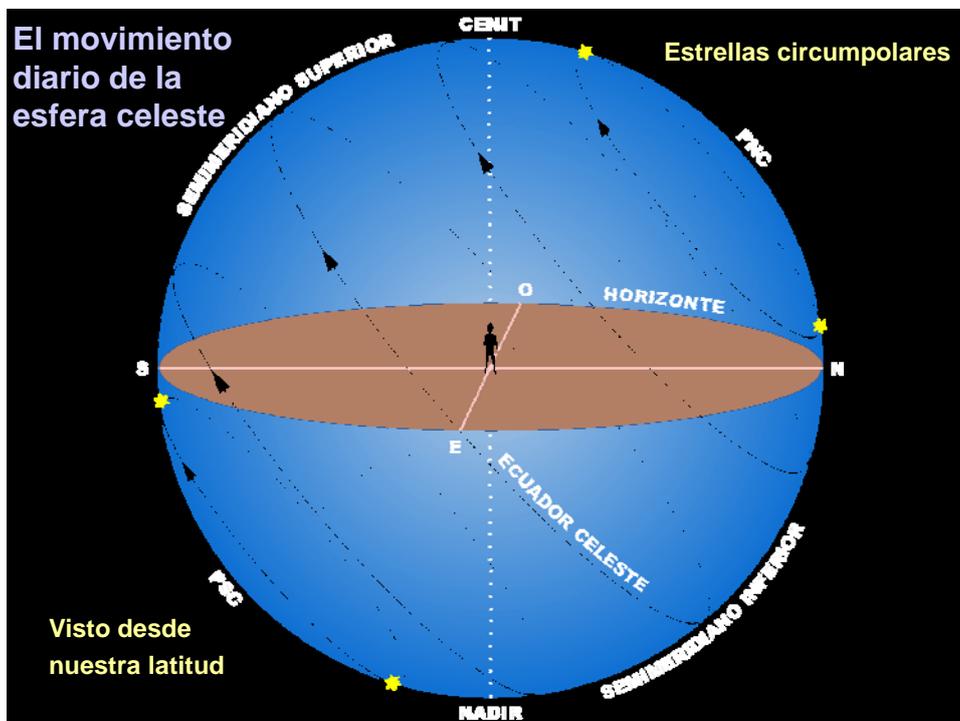
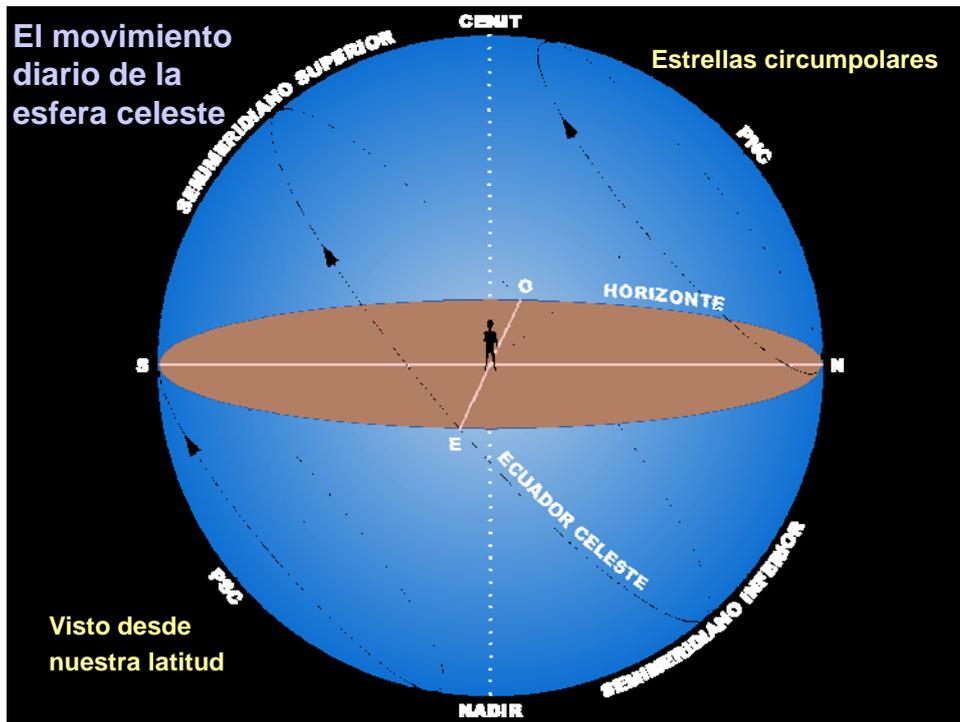


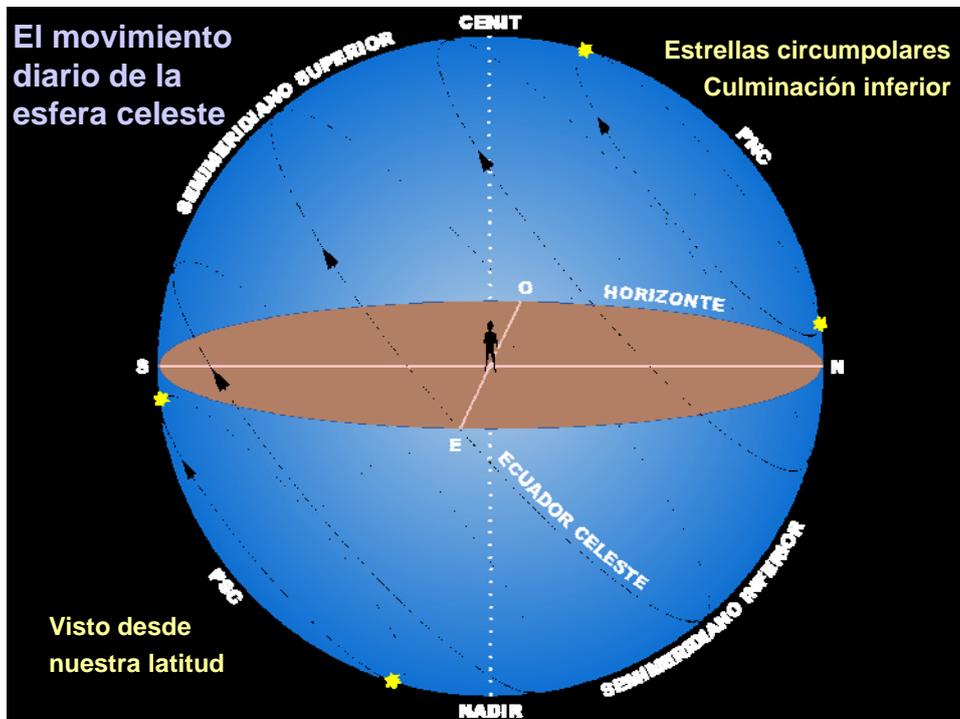
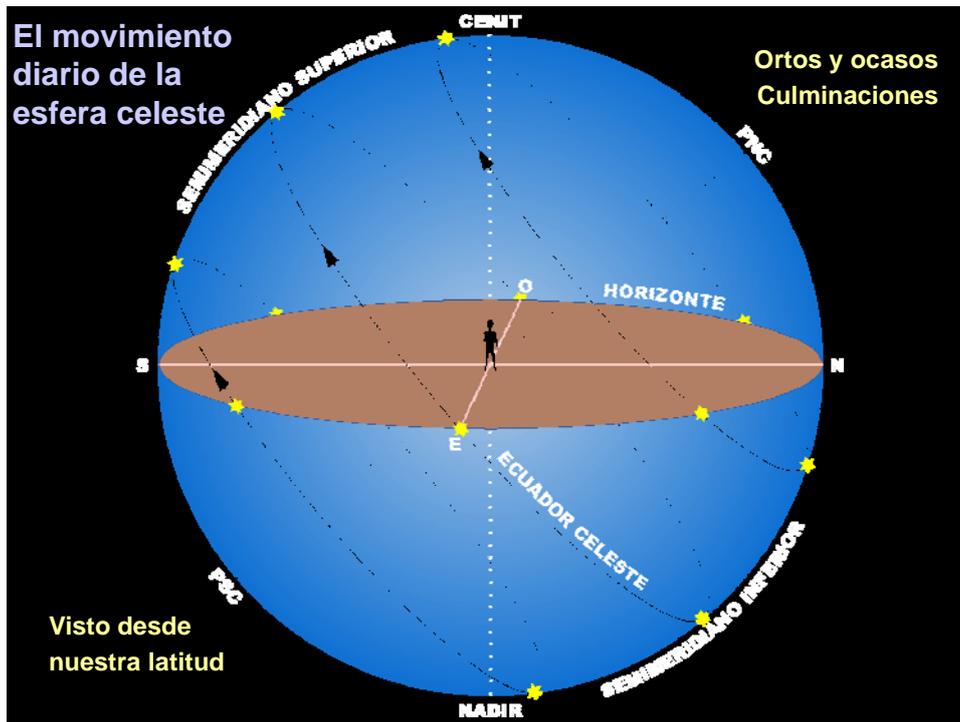


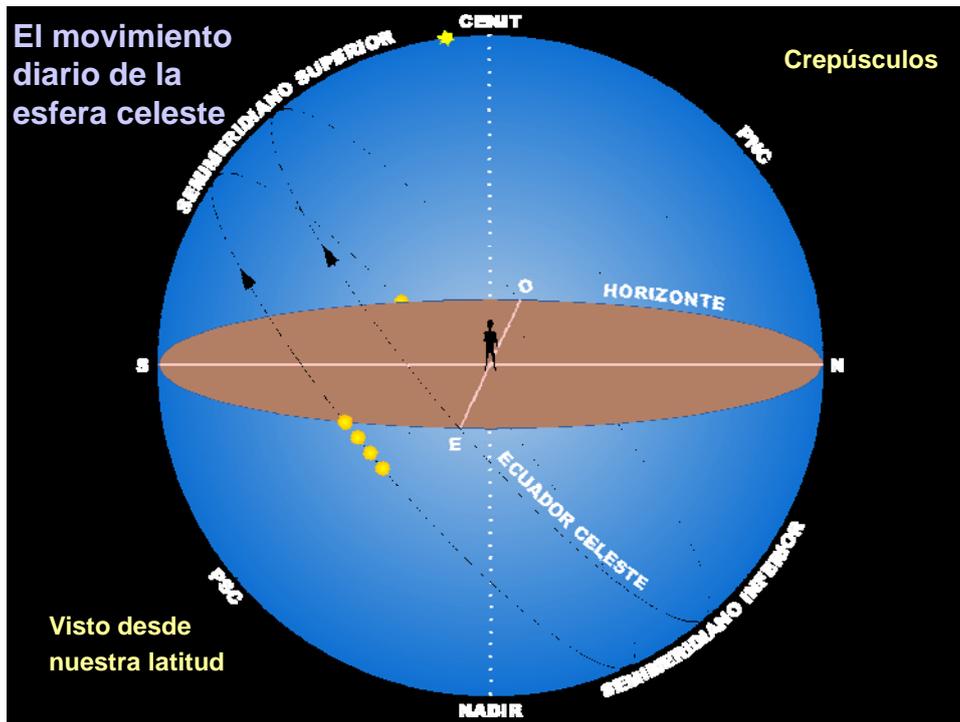


2. EL MOVIMIENTO DIARIO DE LA ESFERA CELESTE

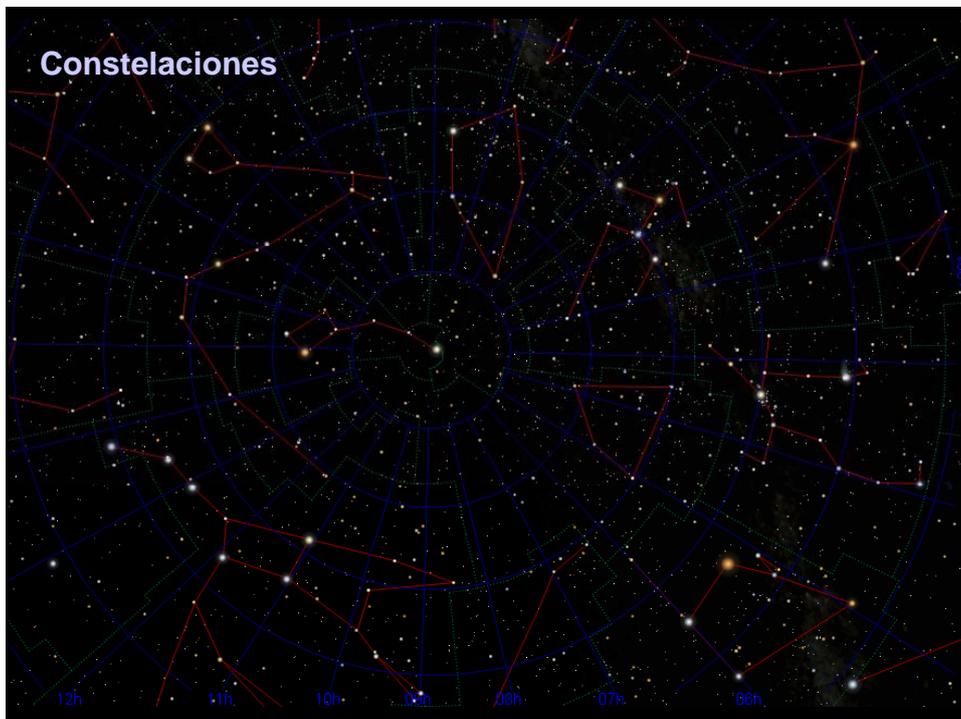
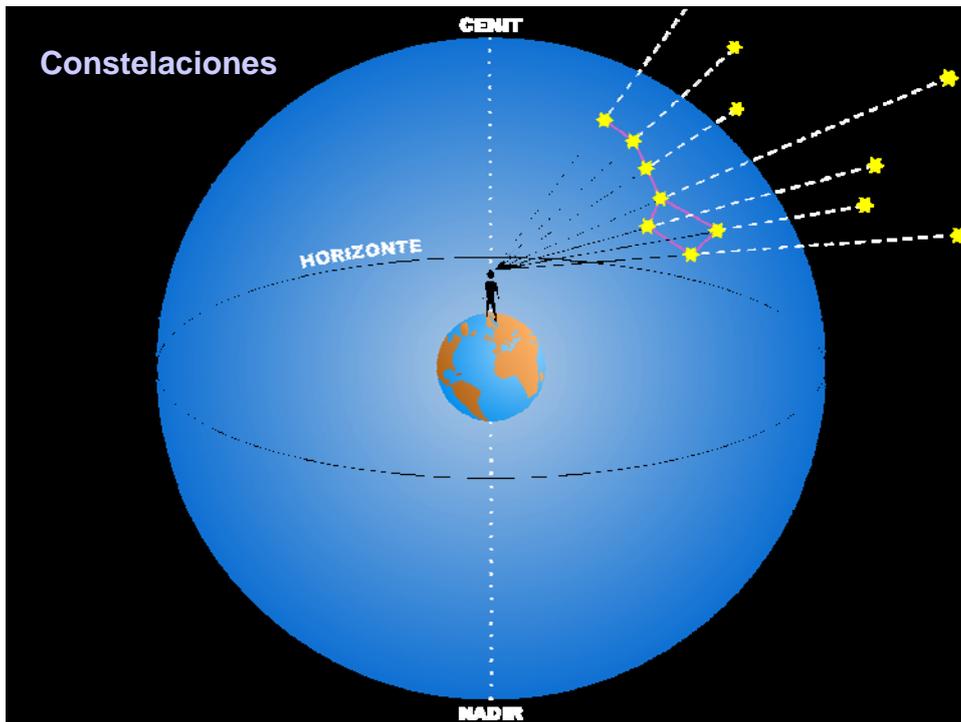


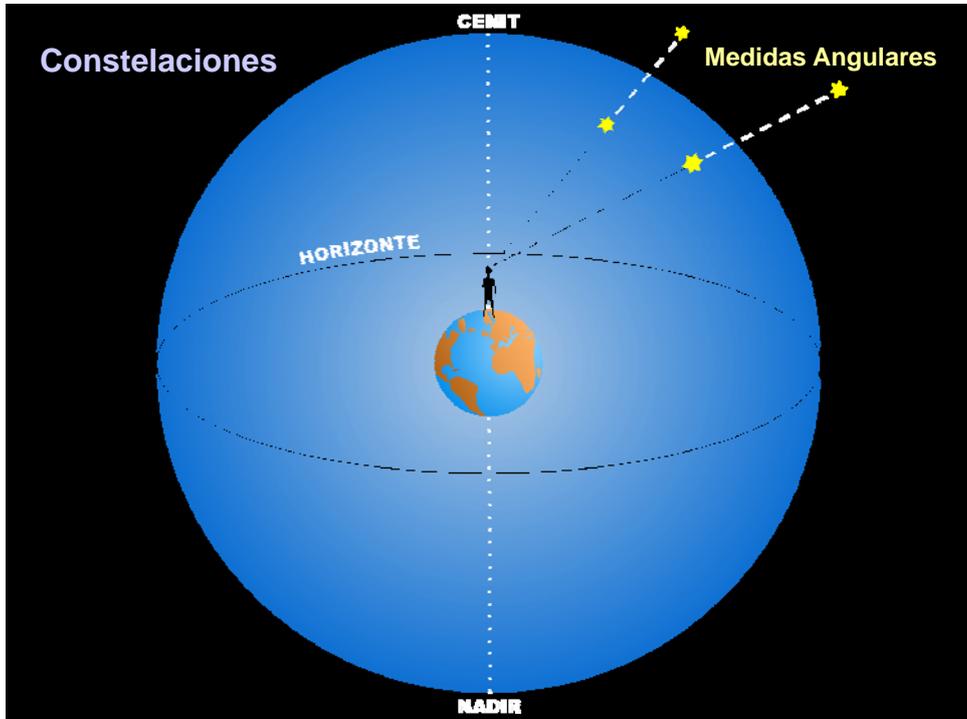
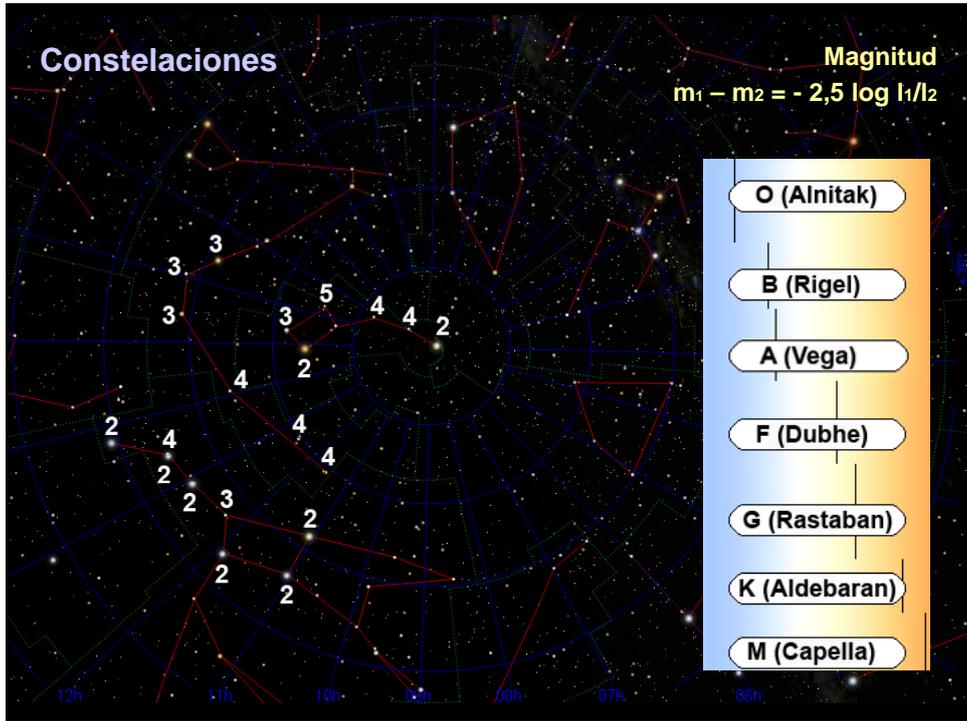


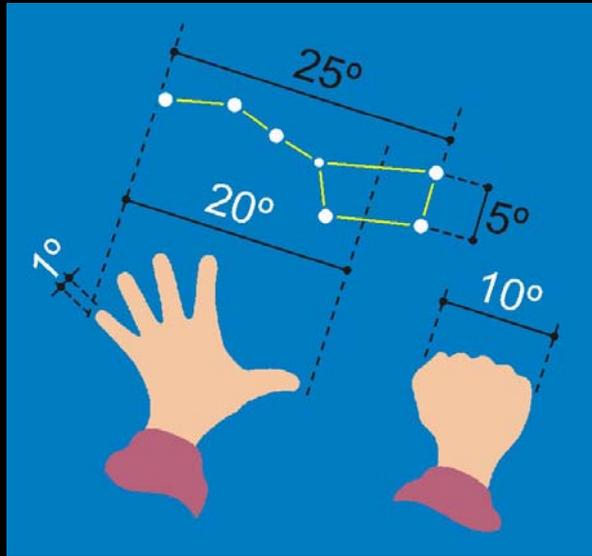




3. LA ORIENTACIÓN EN EL CIELO MEDIANTE LAS CONSTELACIONES







4. EL MOVIMIENTO APARENTE DEL CIELO

