

Astronomia de Posição
2º semestre - 2022

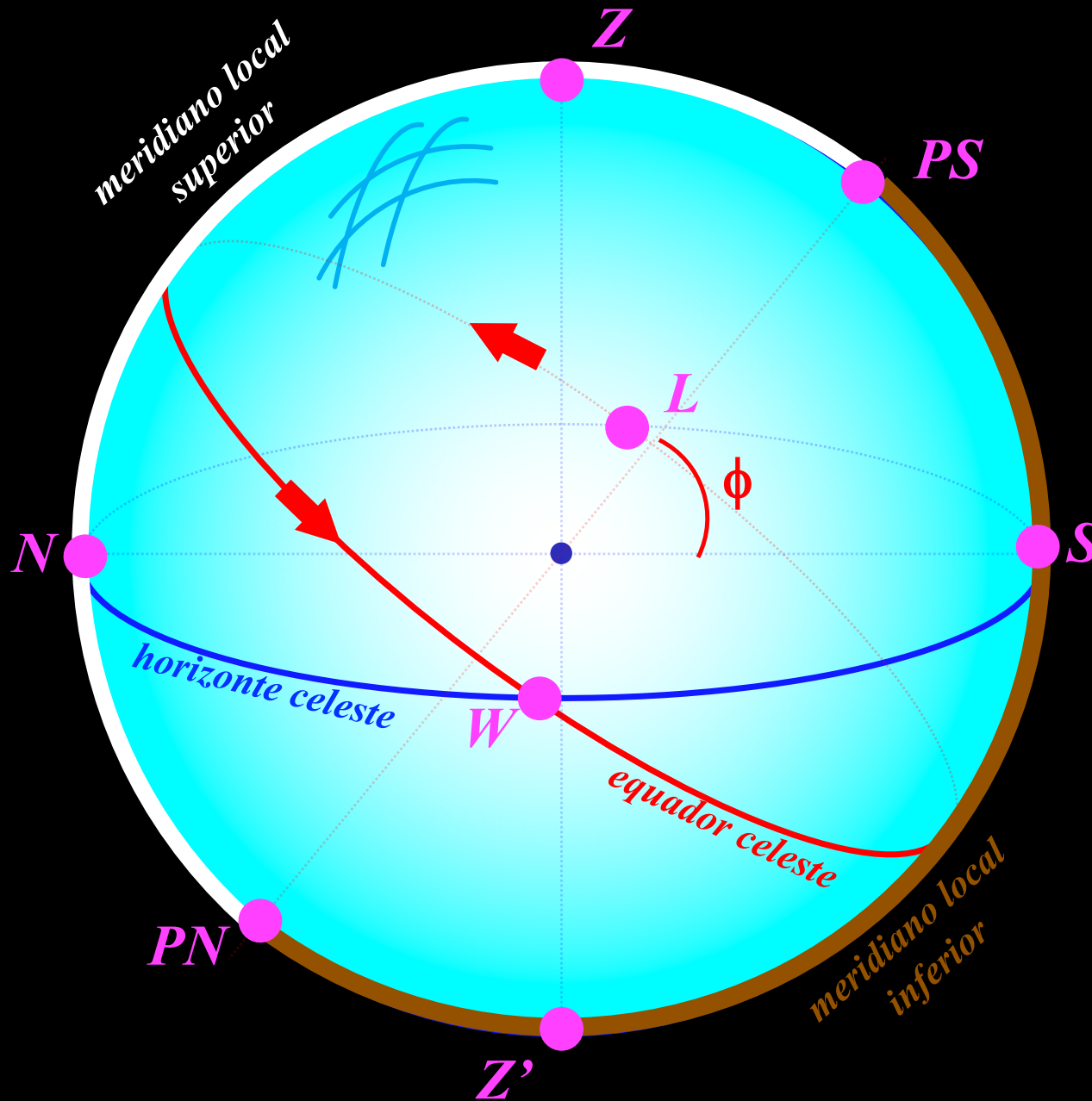
Aula_5 – 24/08/2022

*Movimentos aparentes
dos astros*

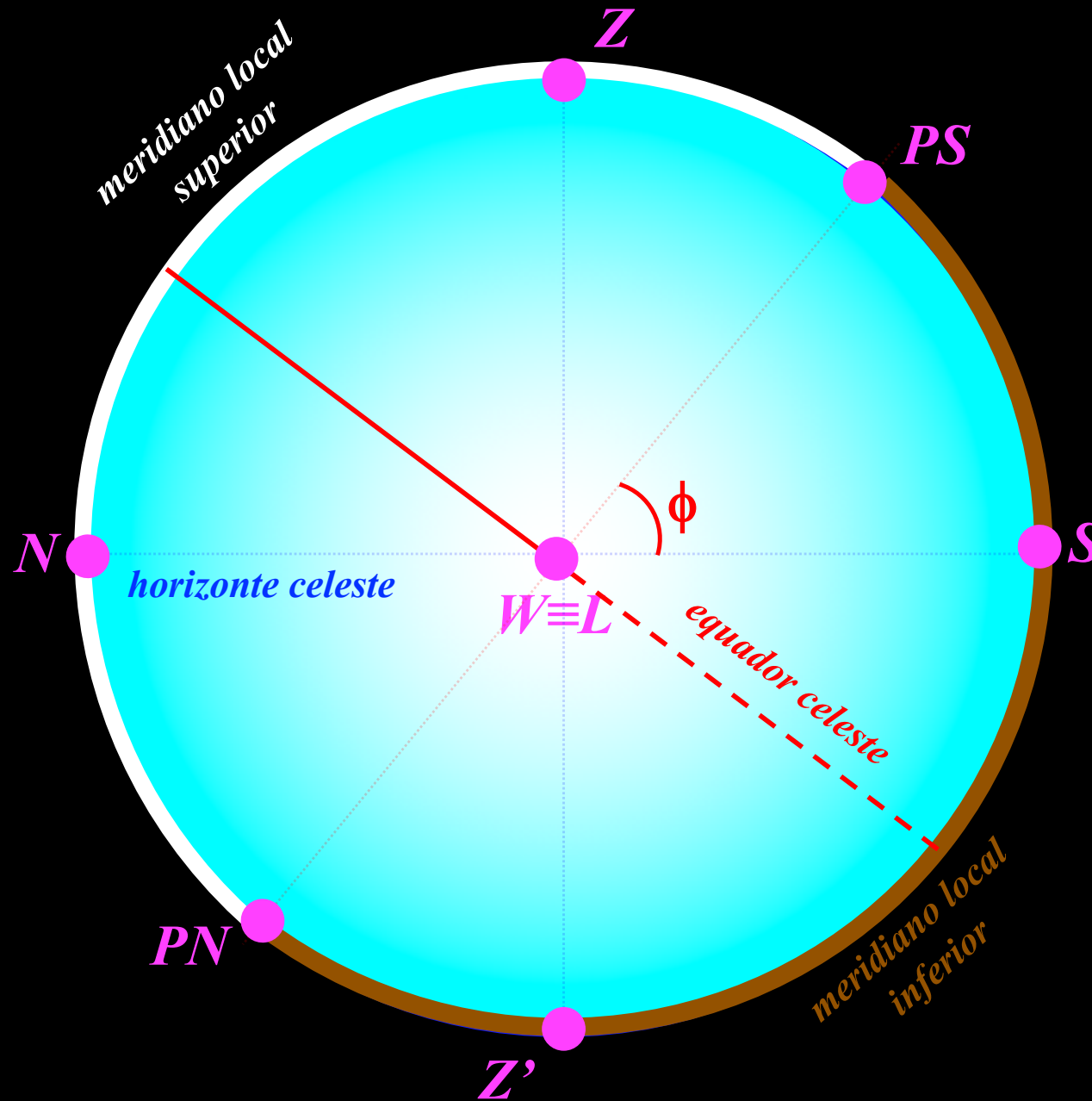
Gaia/ESA/DPAC

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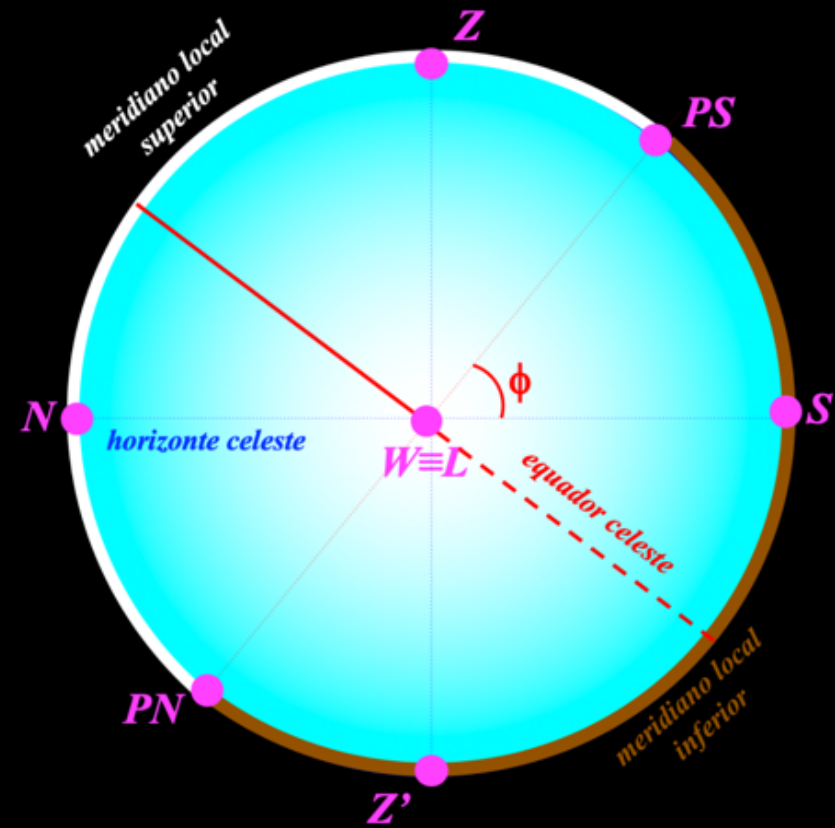
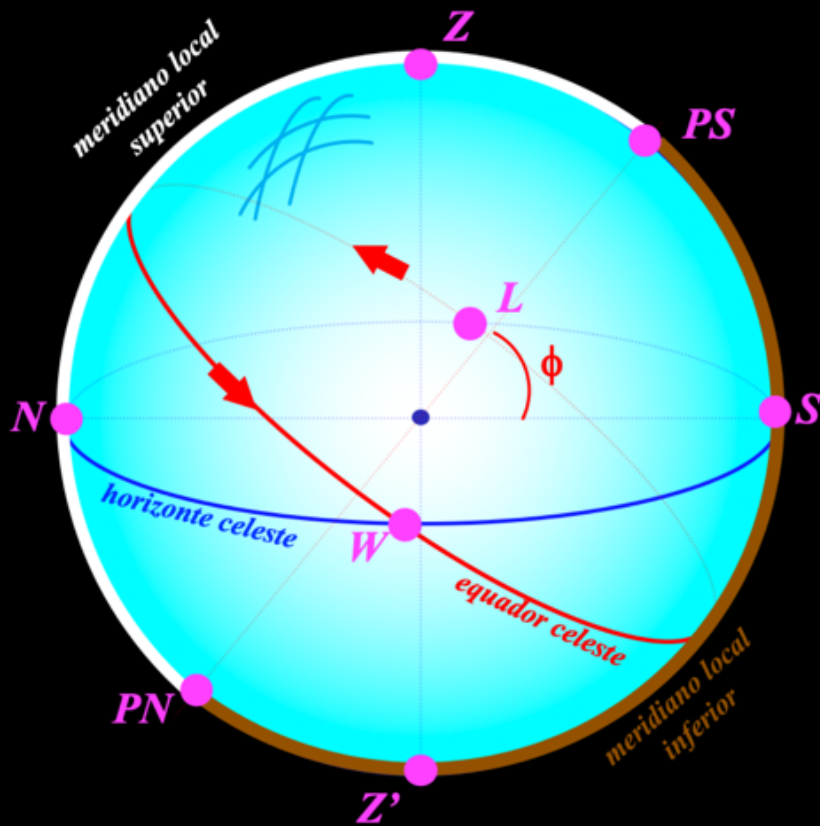
esfera celeste



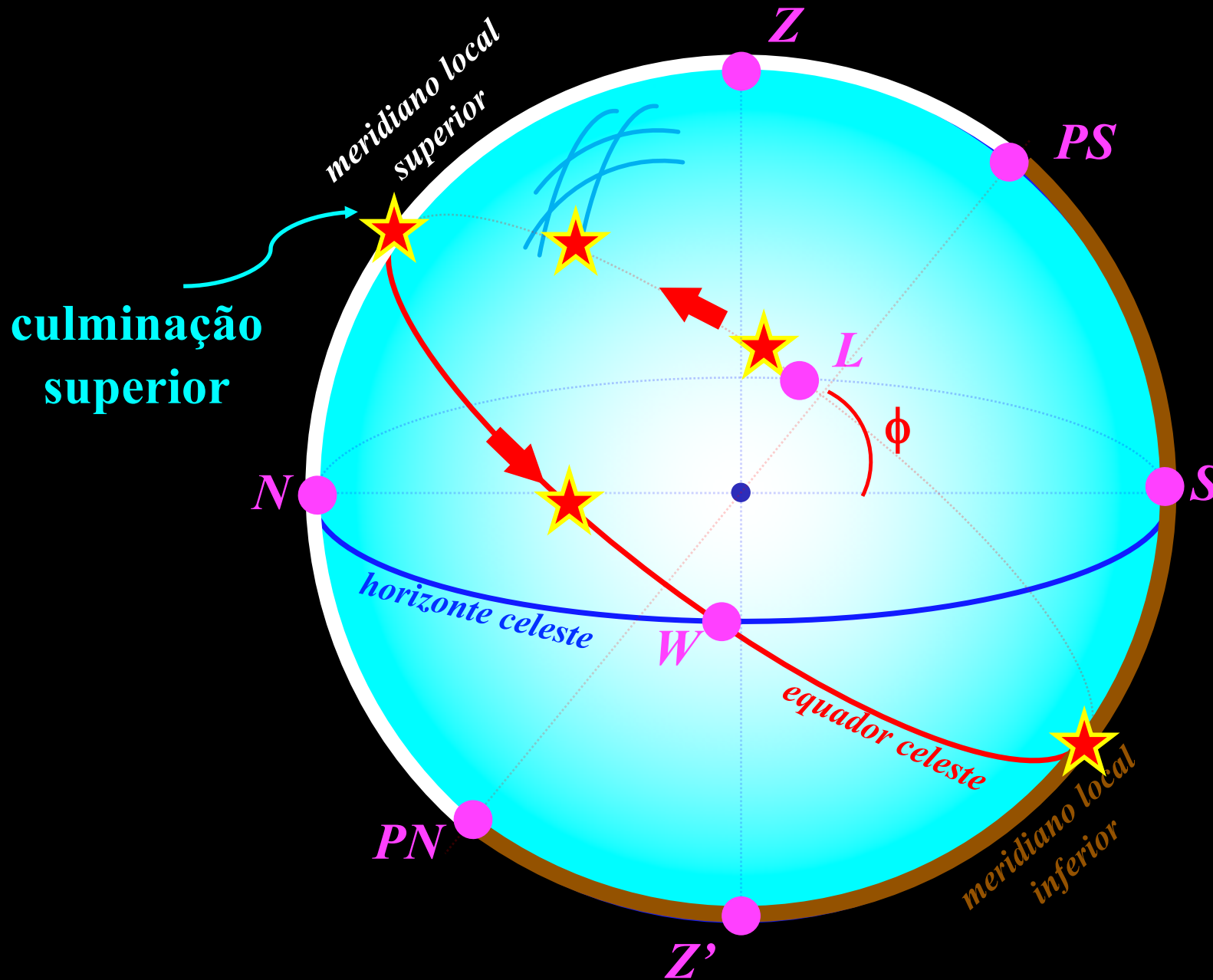
esfera celeste projetada



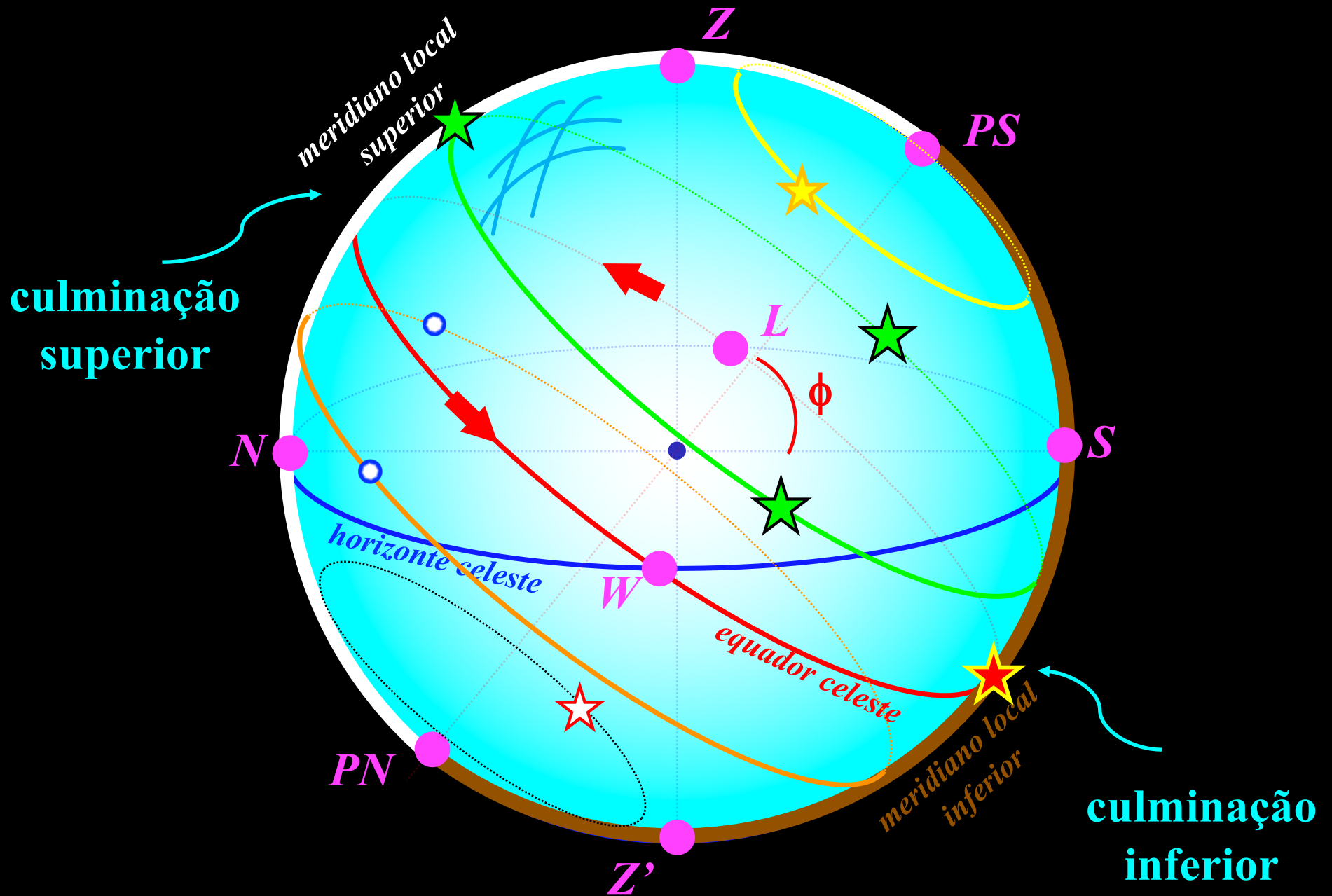
esfera celeste



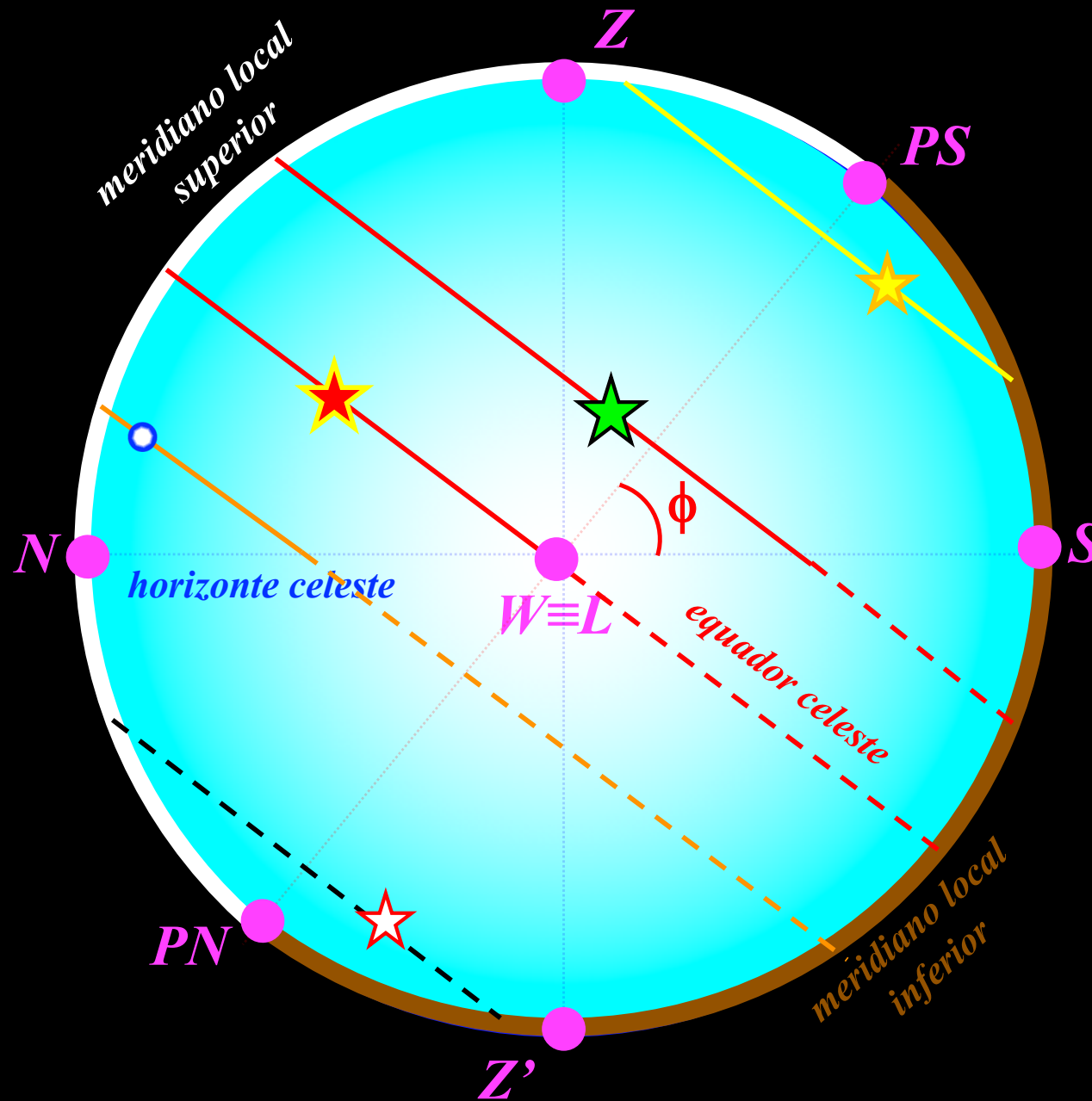
movimento diurno (diário) HS



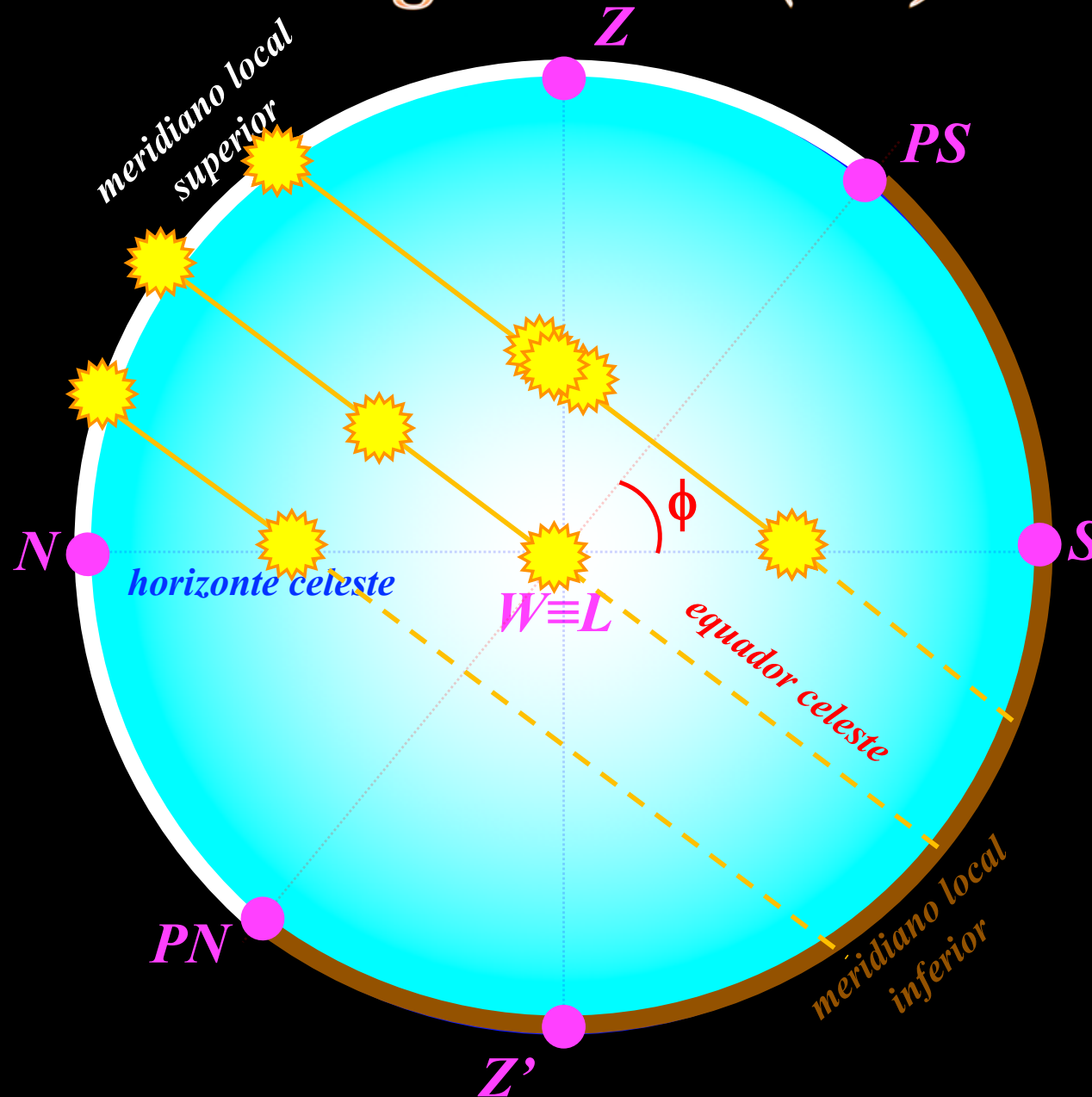
movimento diurno (diário) HS



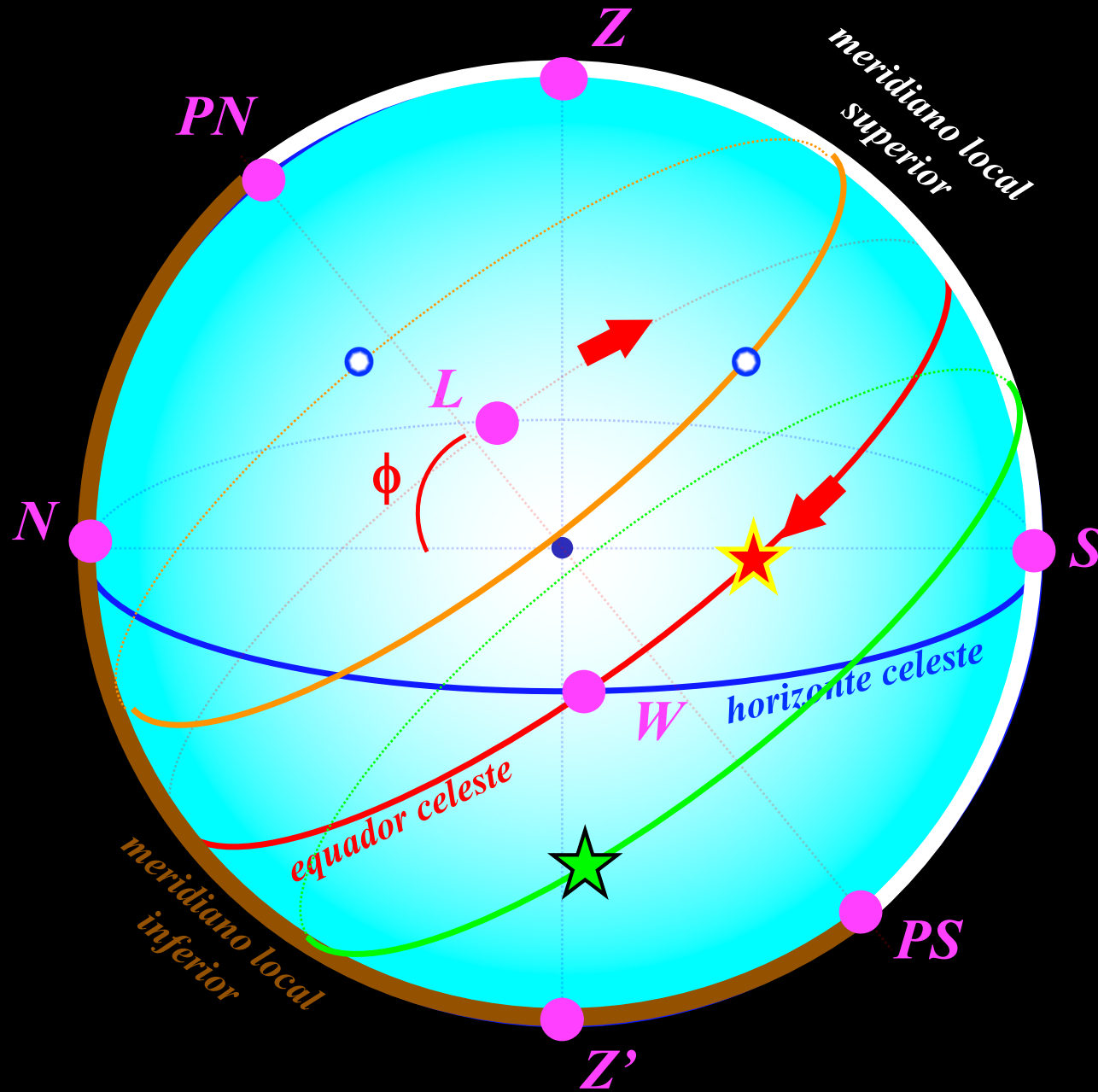
movimento diurno (diário) HS



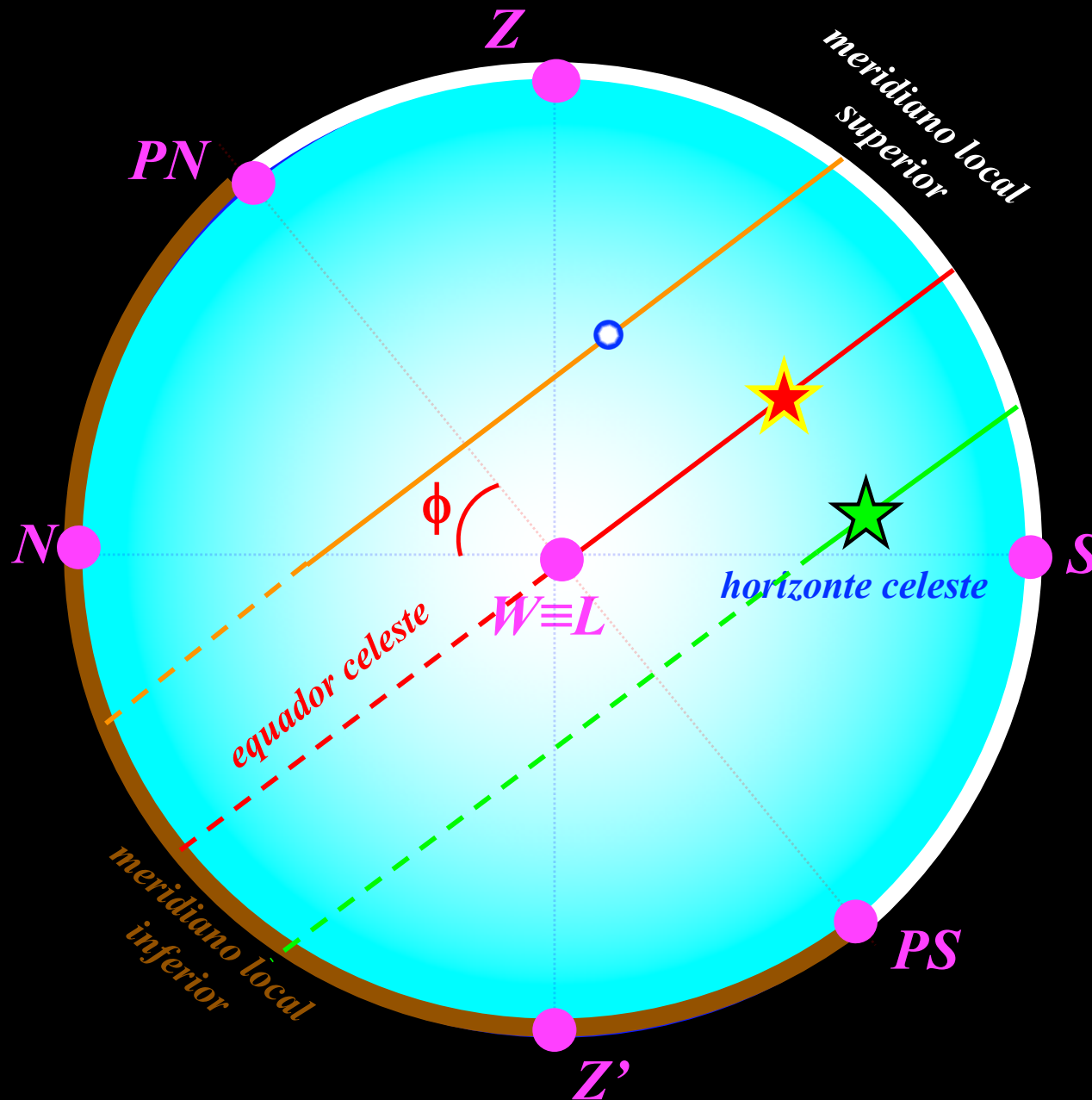
movimento diurno (diário) do Sol ao longo do ano (HS)



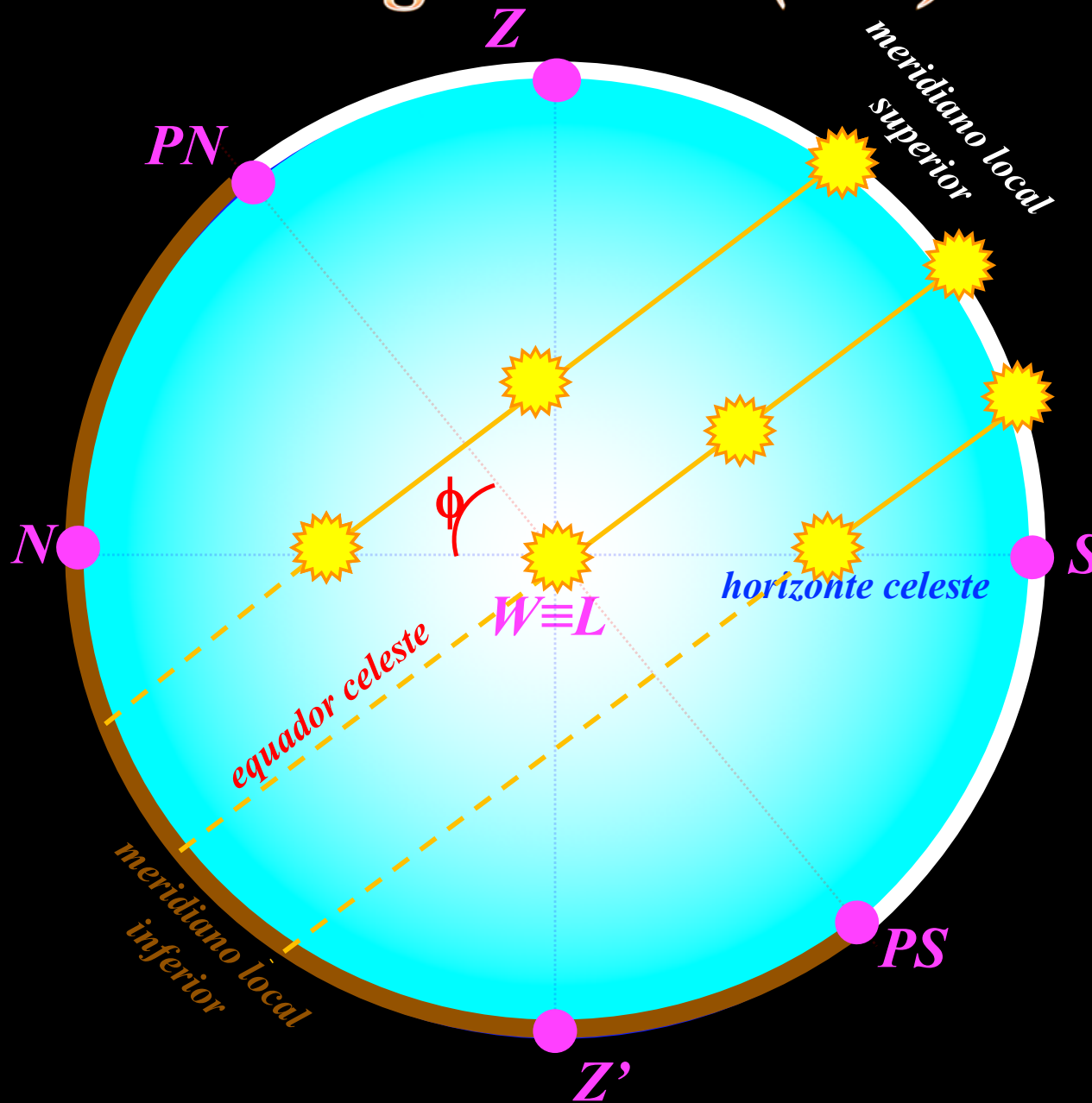
movimento diurno (diário) HN



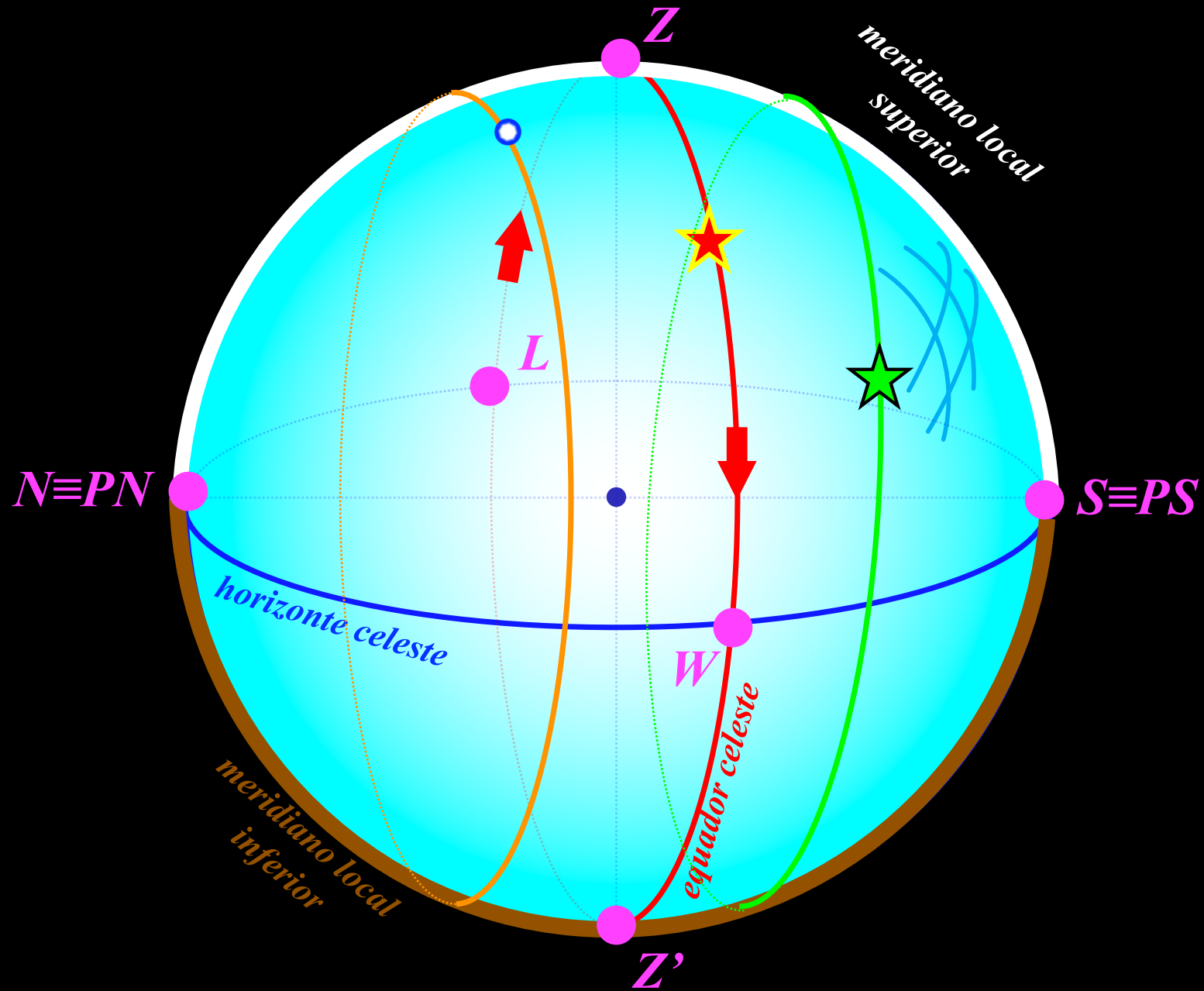
movimento diurno (diário) HN



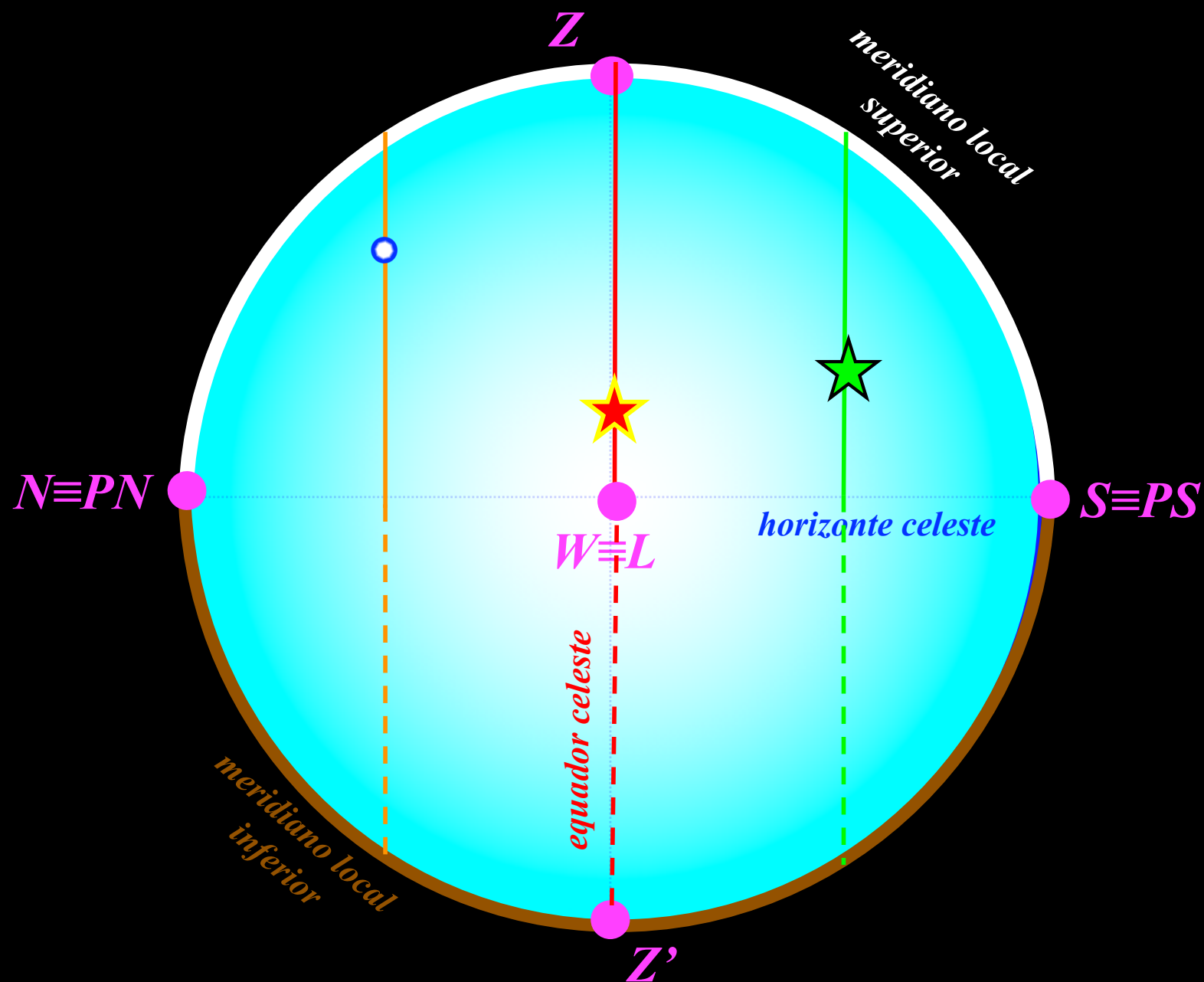
movimento diurno do Sol ao longo do ano (HN)



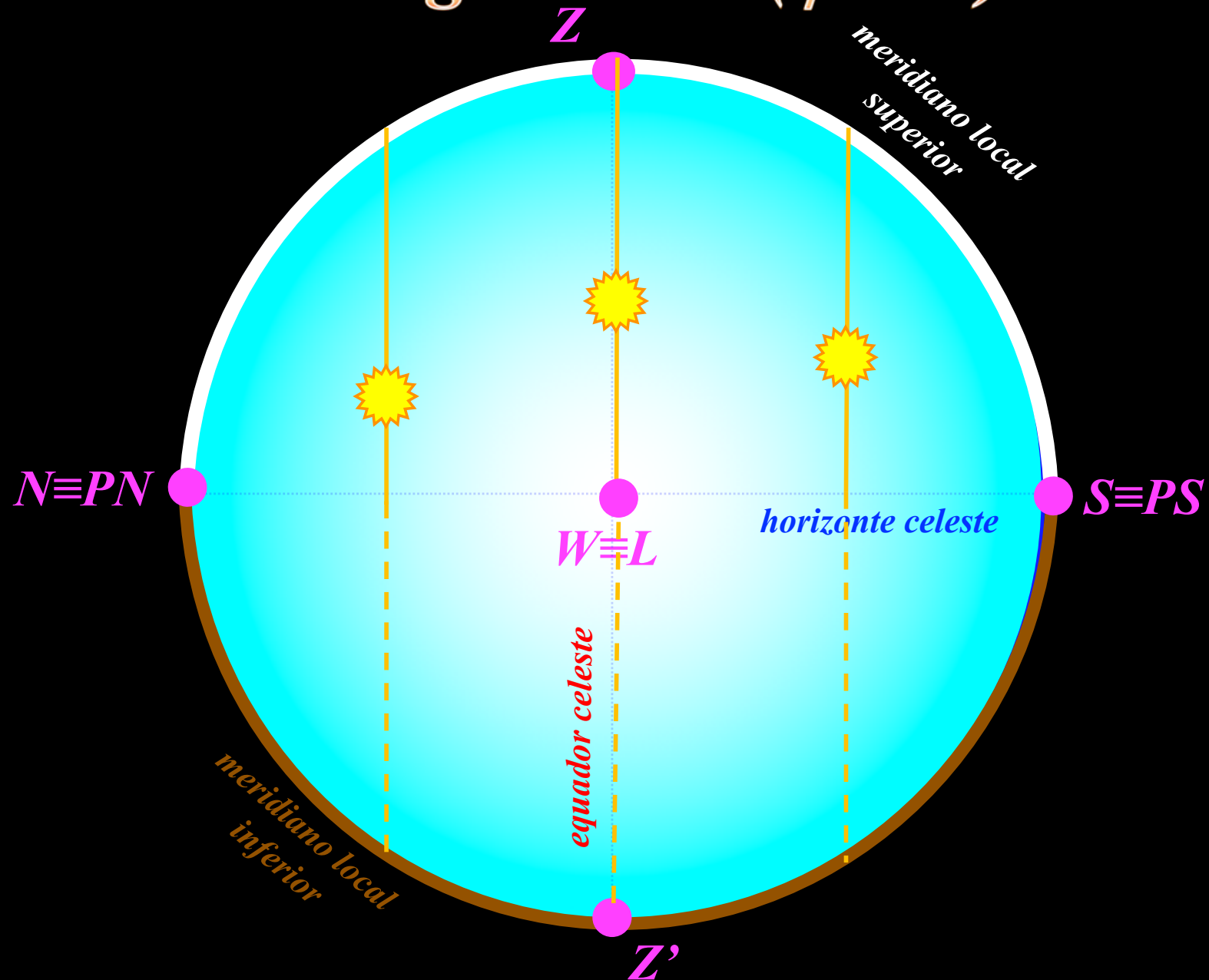
movimento diurno (diário) ($\phi = 0^\circ$)



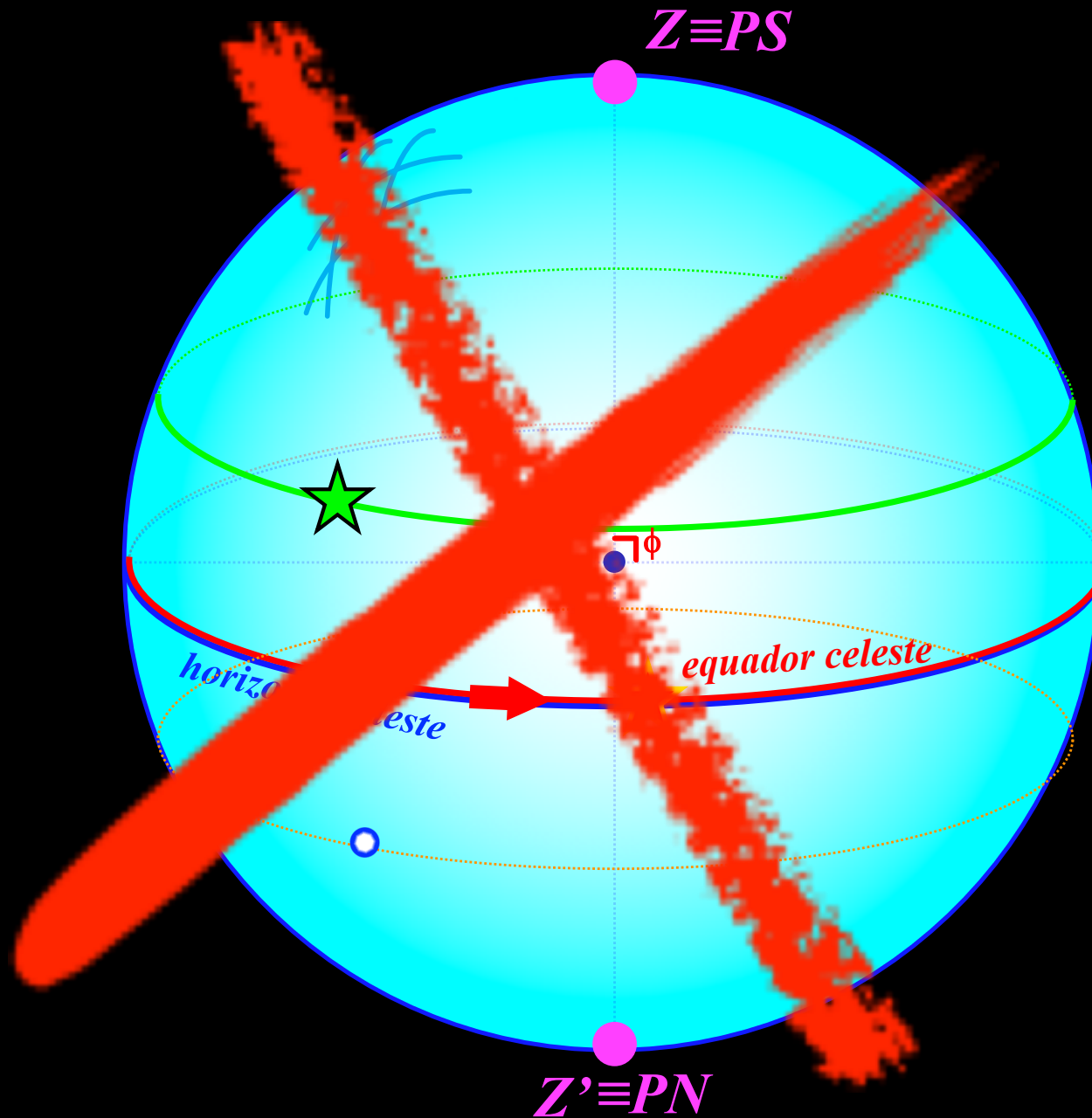
movimento diurno (diário) ($\phi = 0^\circ$)



movimento diurno do Sol ao longo do ano ($\phi = 0^\circ$)



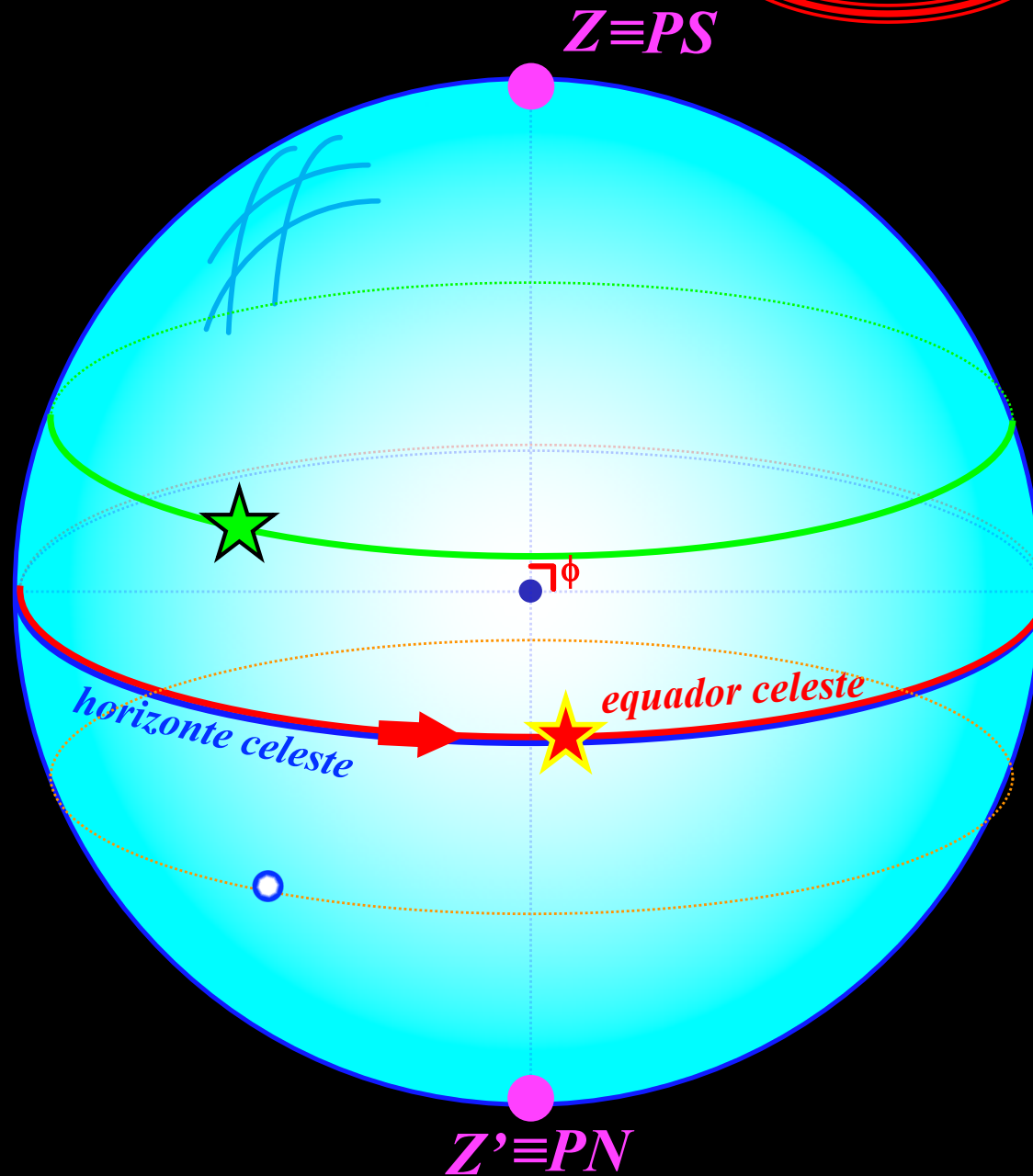
movimento diurno (diário) ($\phi = -90^\circ$)



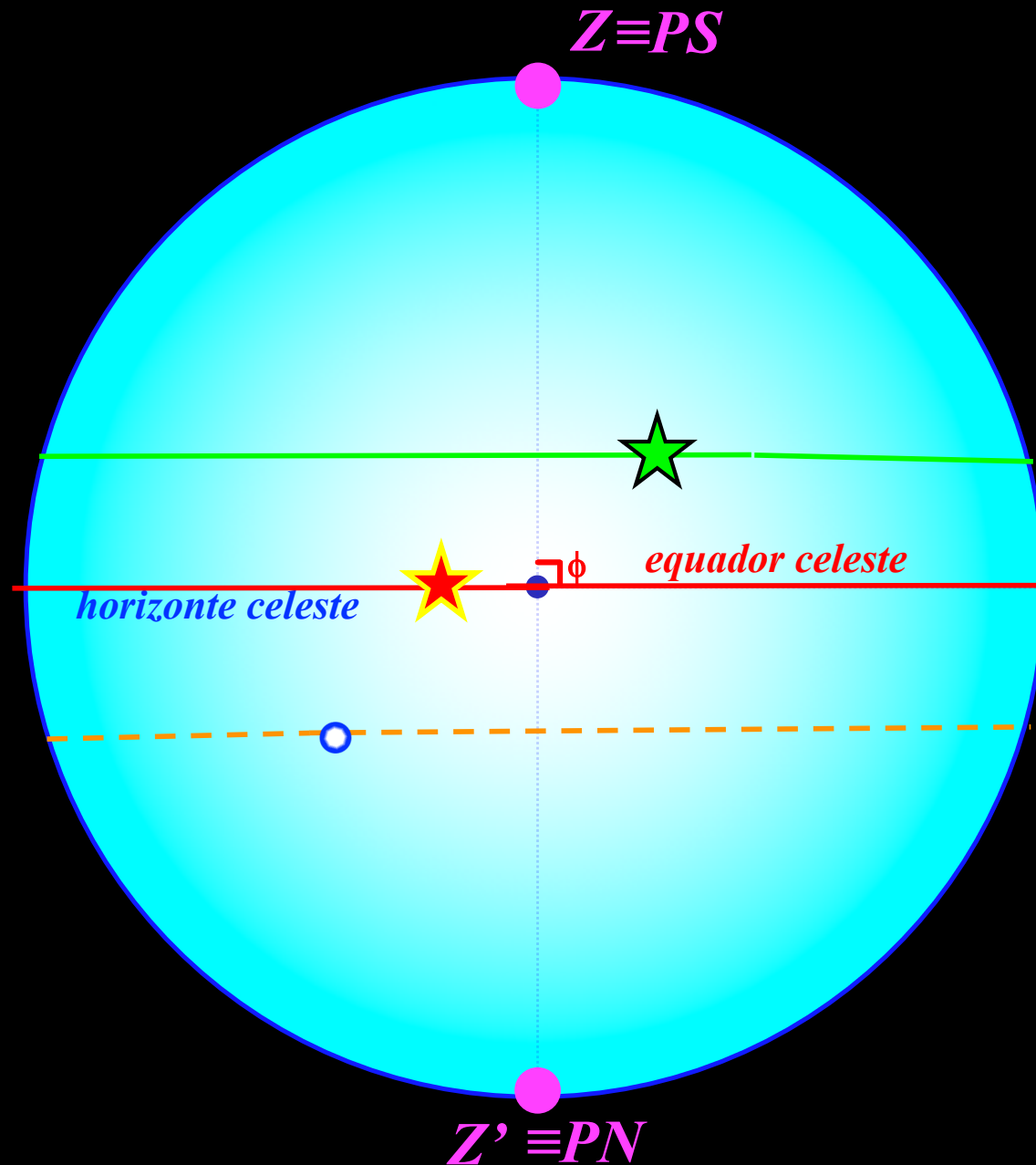
$V_{rot} = 0$



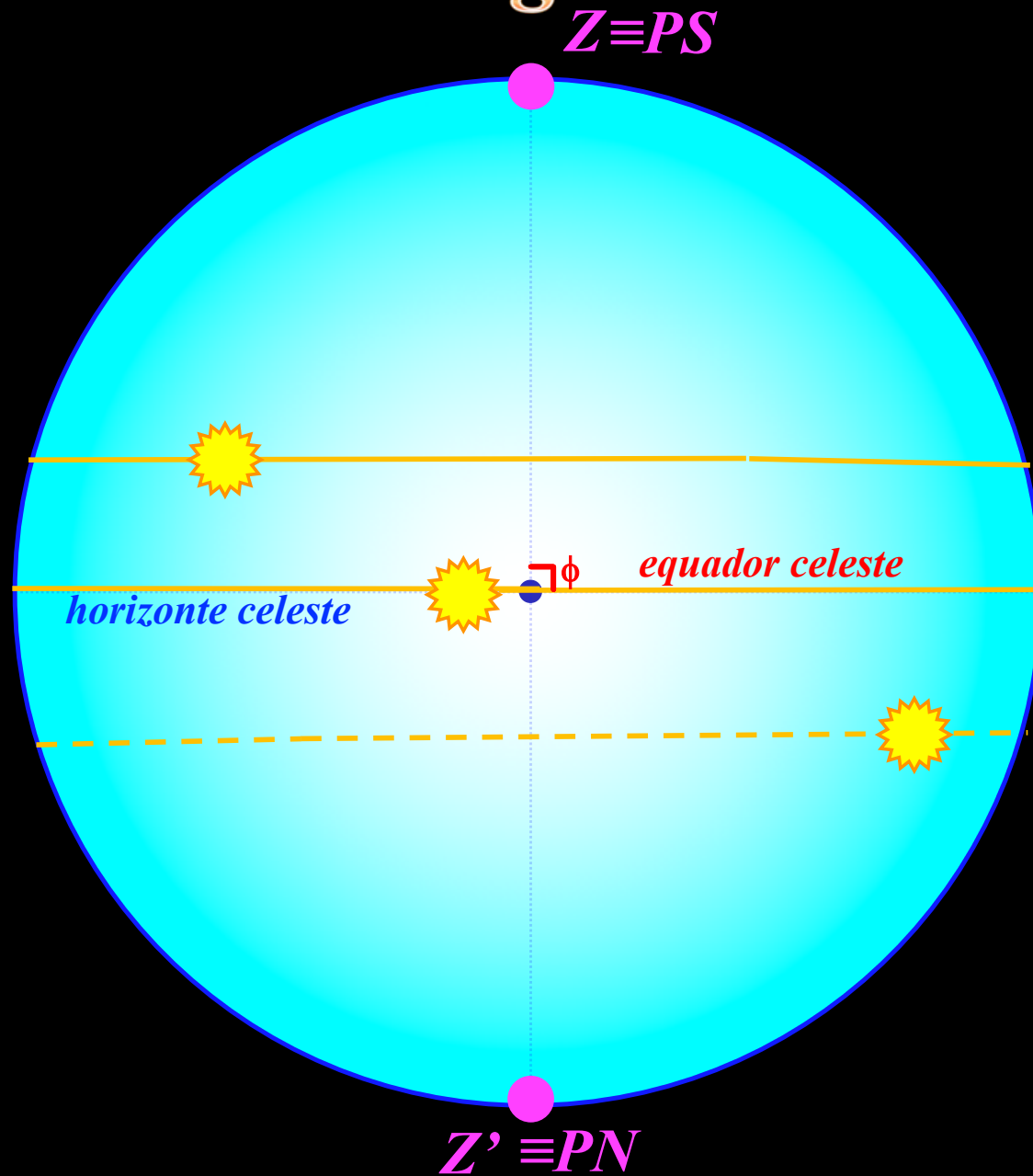
movimento diurno (\pm polo sul)



movimento diurno (\pm polo sul)

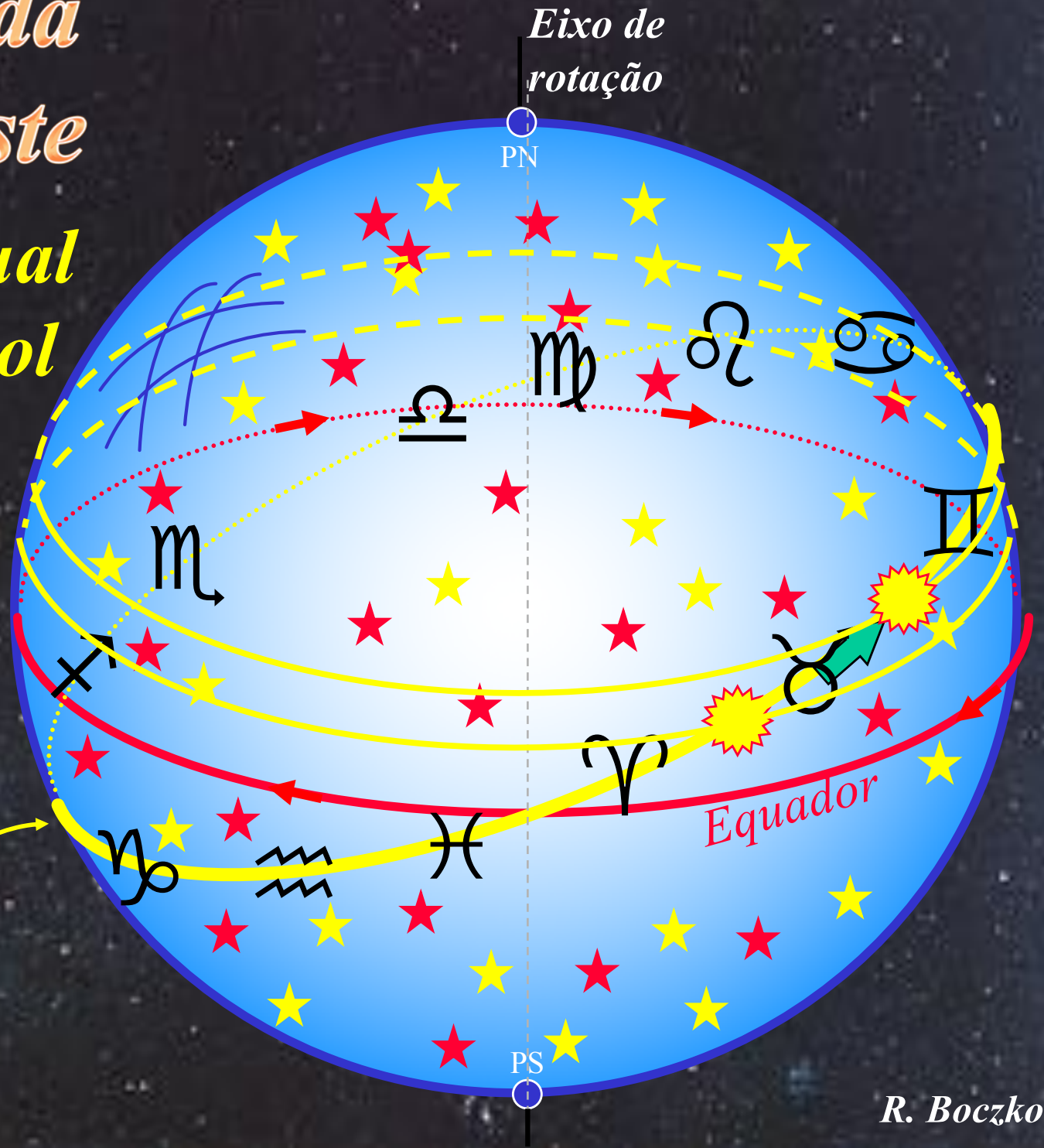


*movimento diurno do Sol (\pm polo sul)
ano longo do ano*



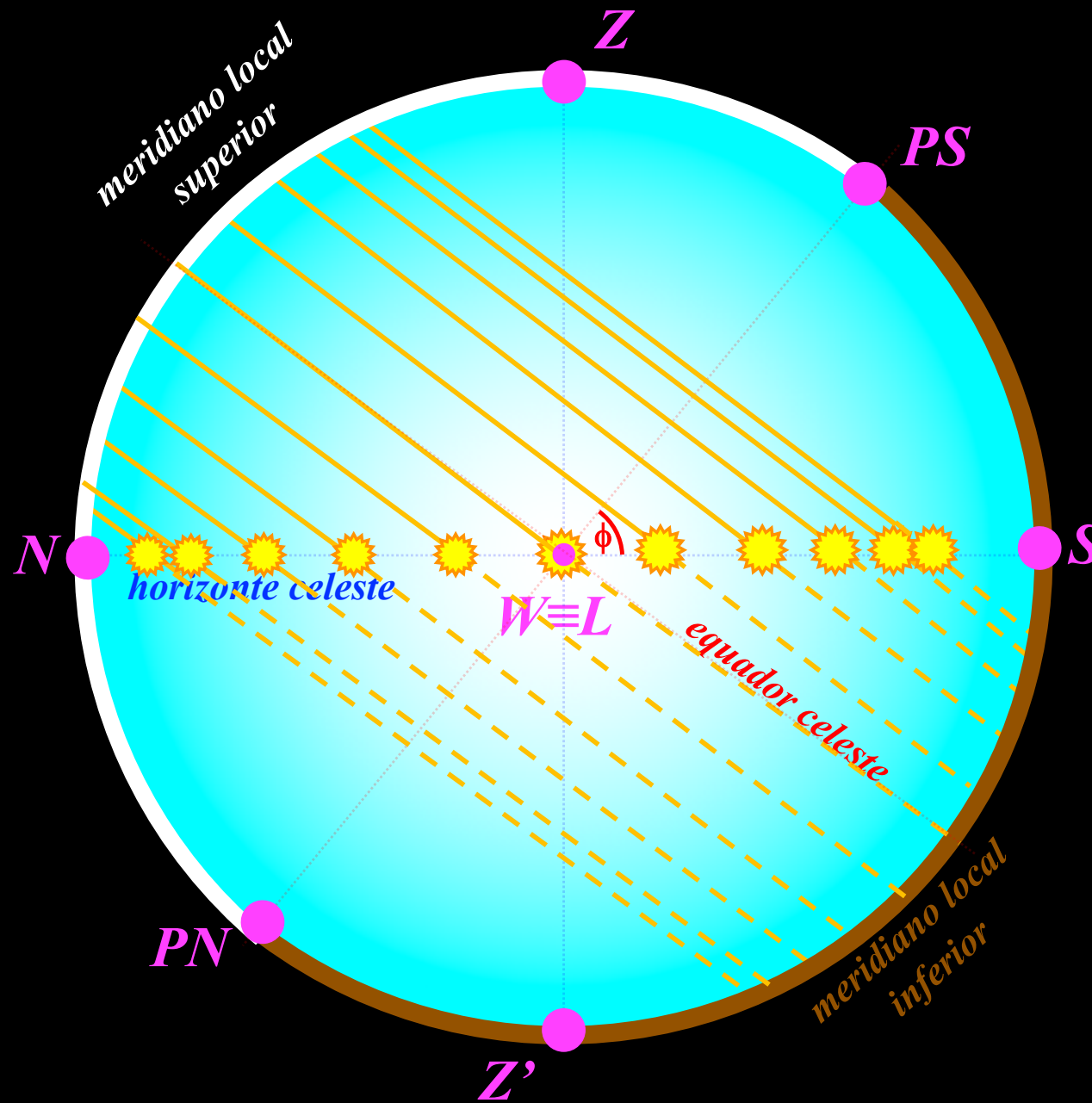
elementos da esfera celeste

*movimento anual
aparente do Sol*

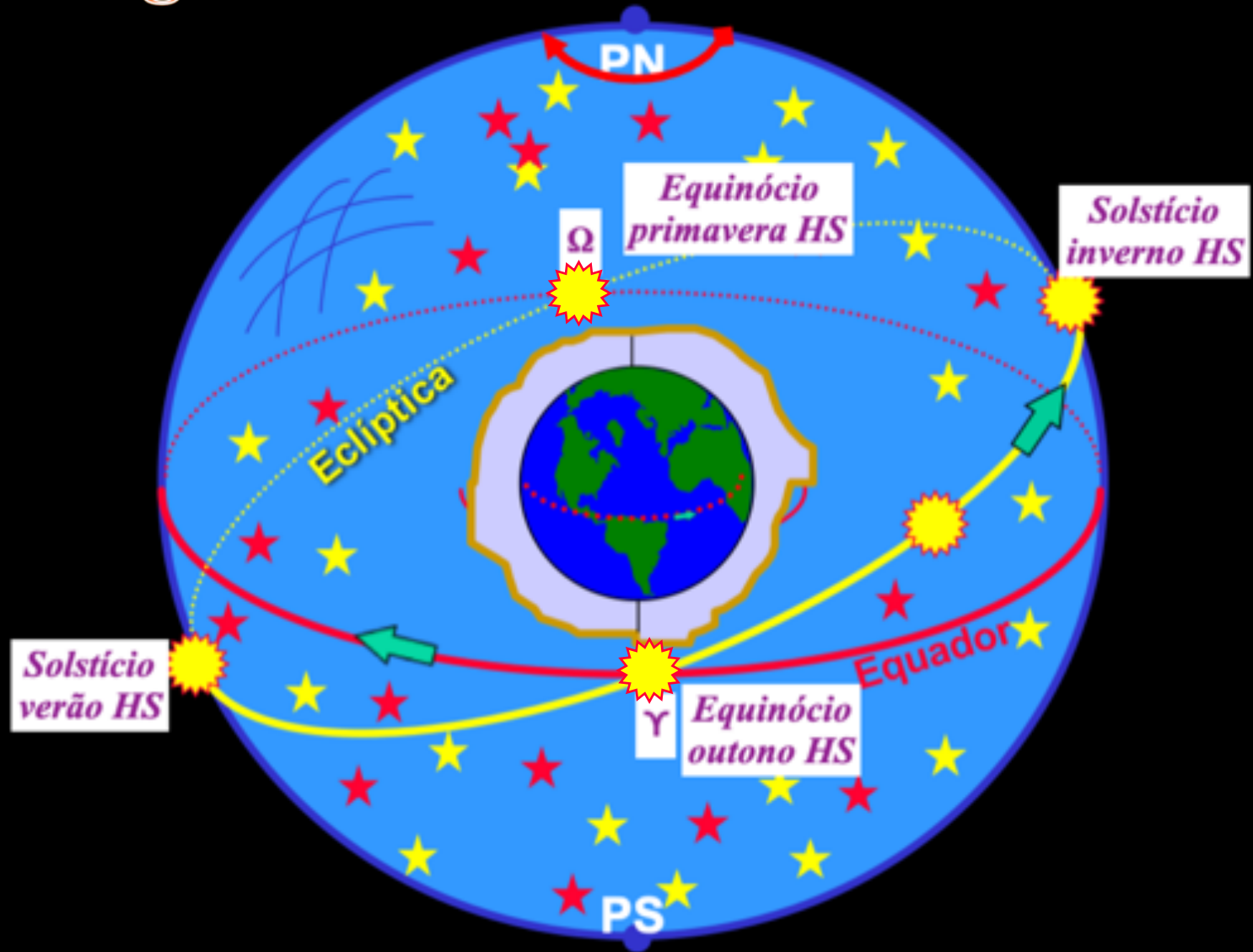


eclíptica

movimento diurno e annual aparentes do Sol para HS

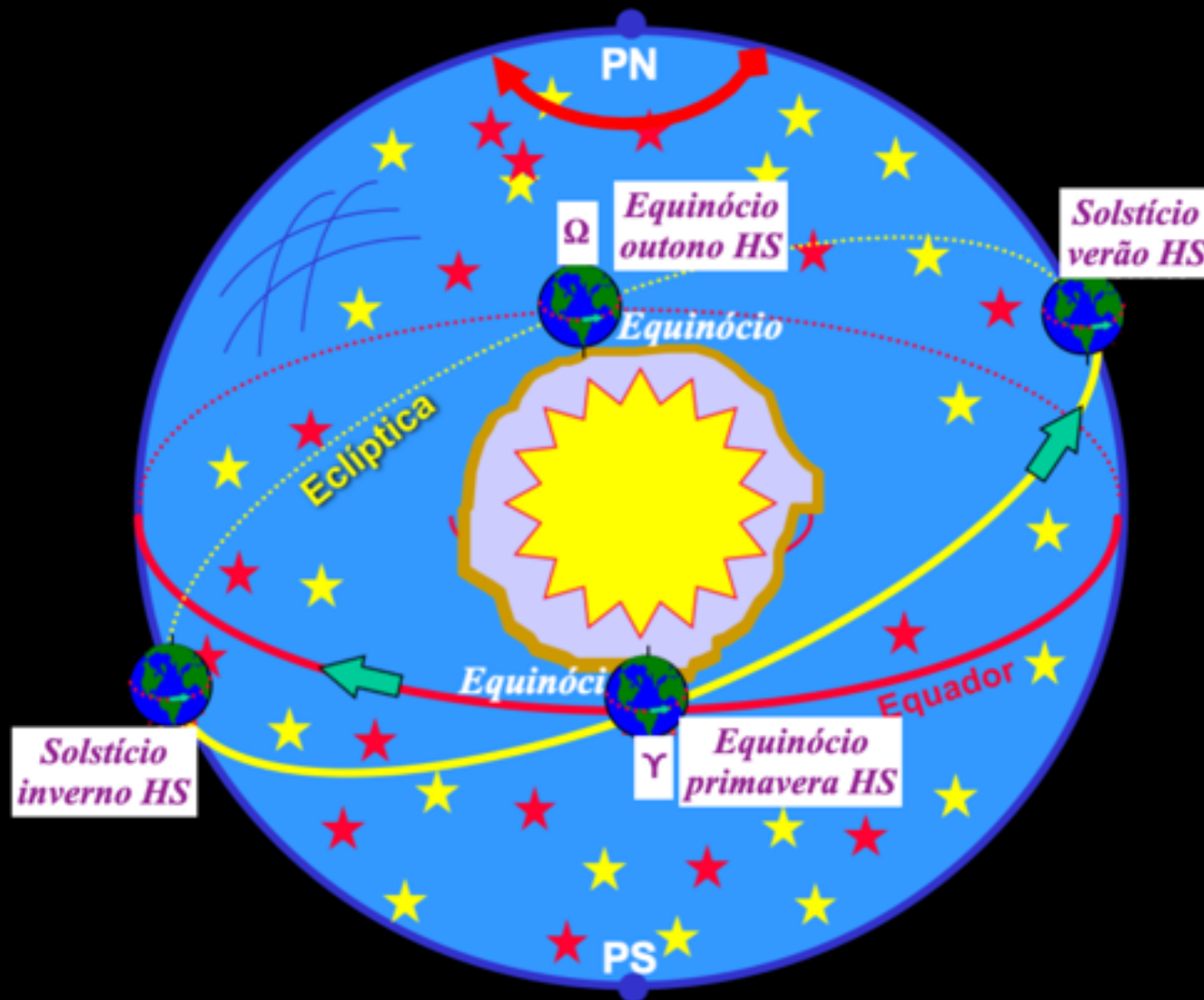


estações do ano
ponto de vista geocêntrico



estações do ano

ponto de vista heliocêntrico



FIM