

天文物理导论笔记

GasinAn

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目录

第一章 天球

The Celestial Sphere

会合周期 (synodic period) S .

$$1/S = |1/P - 1/P_{\oplus}|.$$

通过定义自己推推就推出来了嘛~

赤经 (right ascension) α , 赤纬 (declination) δ .

$$(\Delta\theta)^2 = (\Delta\alpha \cos \delta)^2 + (\Delta\delta)^2$$

记忆方法: 当成勾股定理. 懒得写了, 自己想.

北天极的高度角等于地理纬度, 由此自己推算在天体上中天时刻, 天体赤纬, 天体天顶距和地理纬度的关系¹.

¹这是本宝宝留给你们的作业题! 哼!