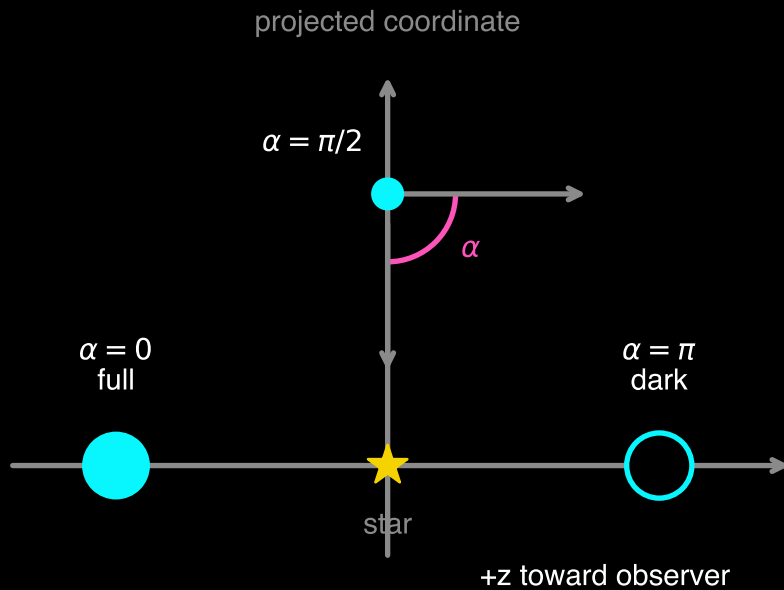
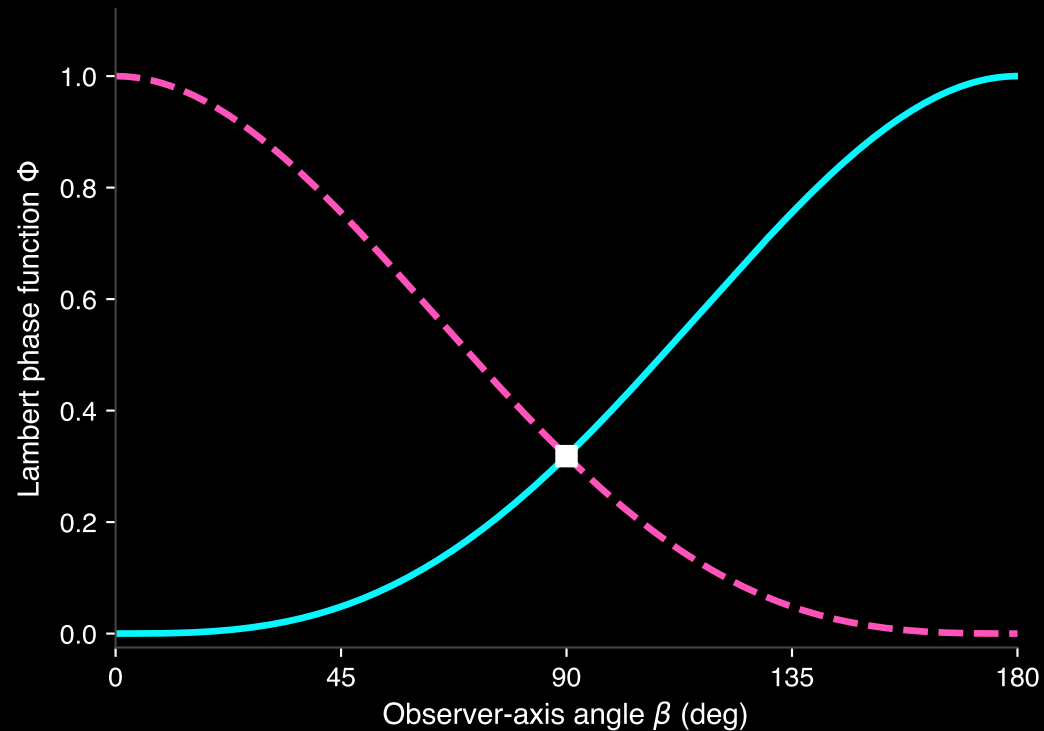


(a) Illumination is a planet-centered angle



(b) Quadrature hides the error



— $\Phi(\pi - \beta)$: illumination
- - $\Phi(\beta)$: angle confused

(c) Recession fixes the stellar RV sign

