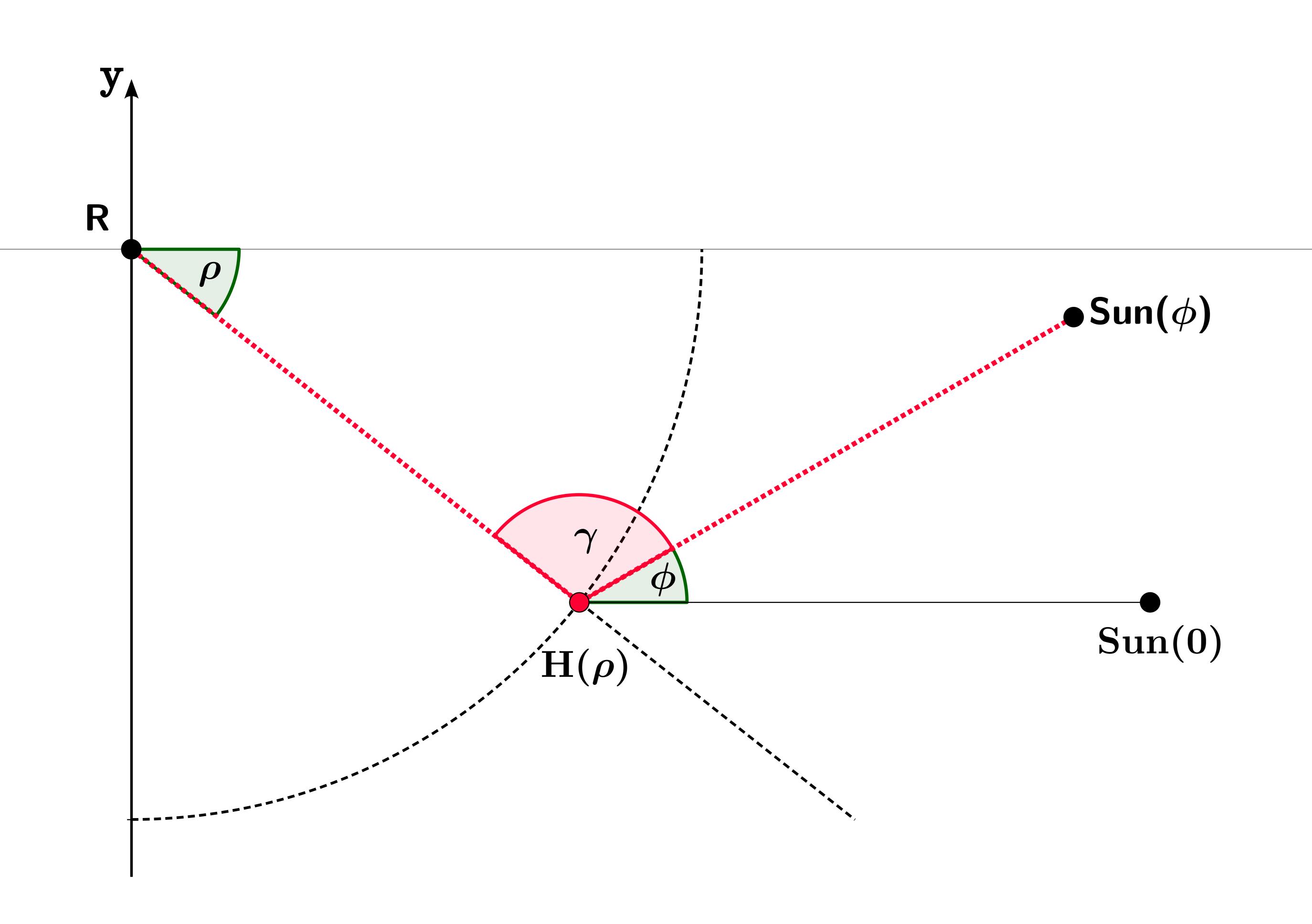
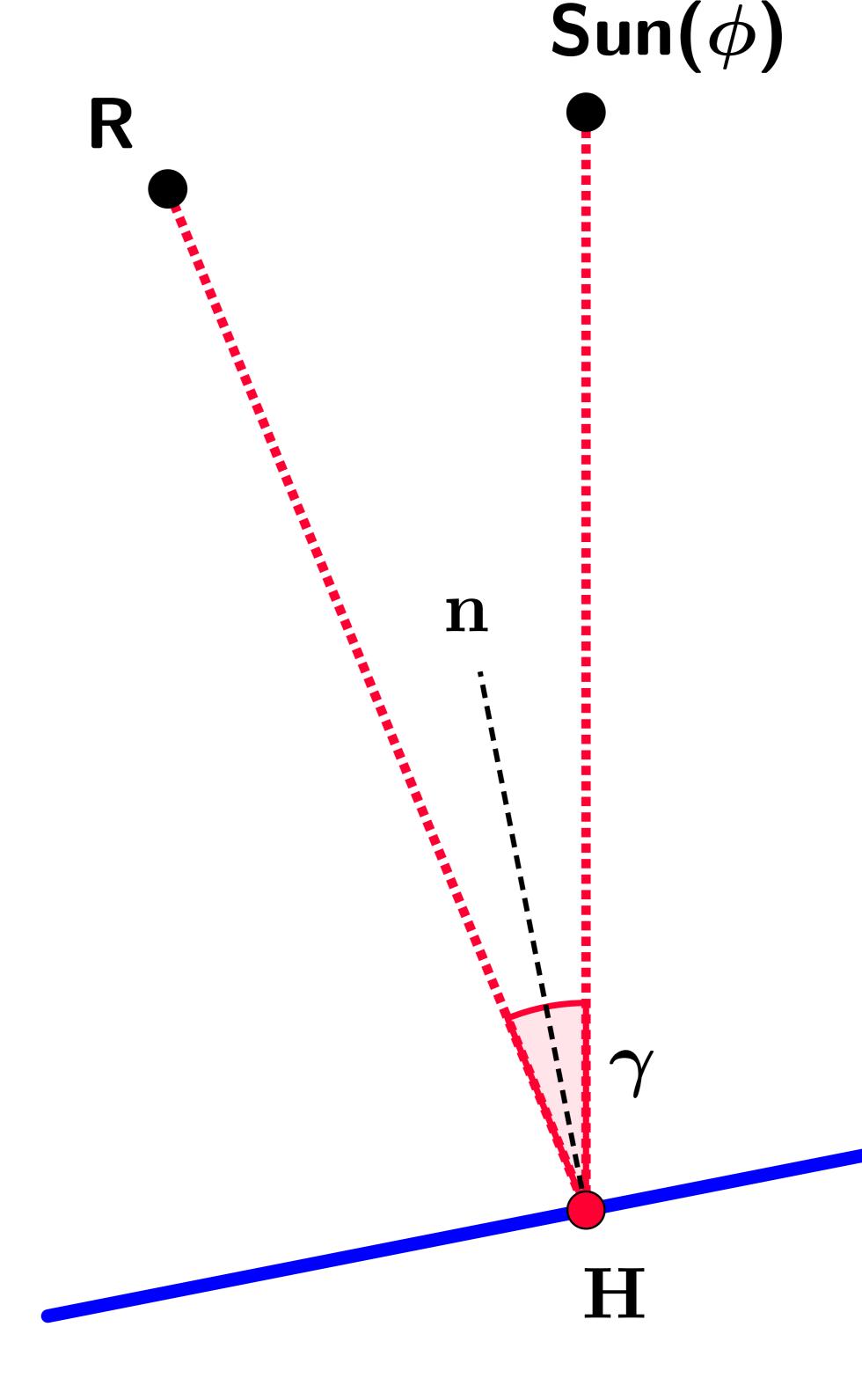


(a)
$$\eta_{\cos} = \cos\left(\frac{\gamma}{2}\right) \approx 0 \implies \text{No power}$$



(c)
$$\phi + \rho + \gamma = \pi$$



(b)
$$\eta_{\cos} = \cos\left(\frac{\gamma}{2}\right) \approx 1 \implies \text{Power is maximized}$$

