$$L = (\text{Area})\ \sigma T^4$$

$$E = h\nu = \frac{hc}{\lambda}$$

$$\lambda = \frac{hc}{E} = \frac{1240\,\text{eV}\cdot\text{nm}}{E}$$

$$\theta_c = 1.22\left(\frac{\lambda}{D}\right)$$

$$\rho(h) = \rho_0\, e^{(-h/H)}$$

$$\text{“seeing” FWHM} \sim \frac{\lambda}{r_0}$$

$$r_0 \propto \lambda^{6/5}$$

$$\tau_0 \sim \frac{r_0}{v}$$