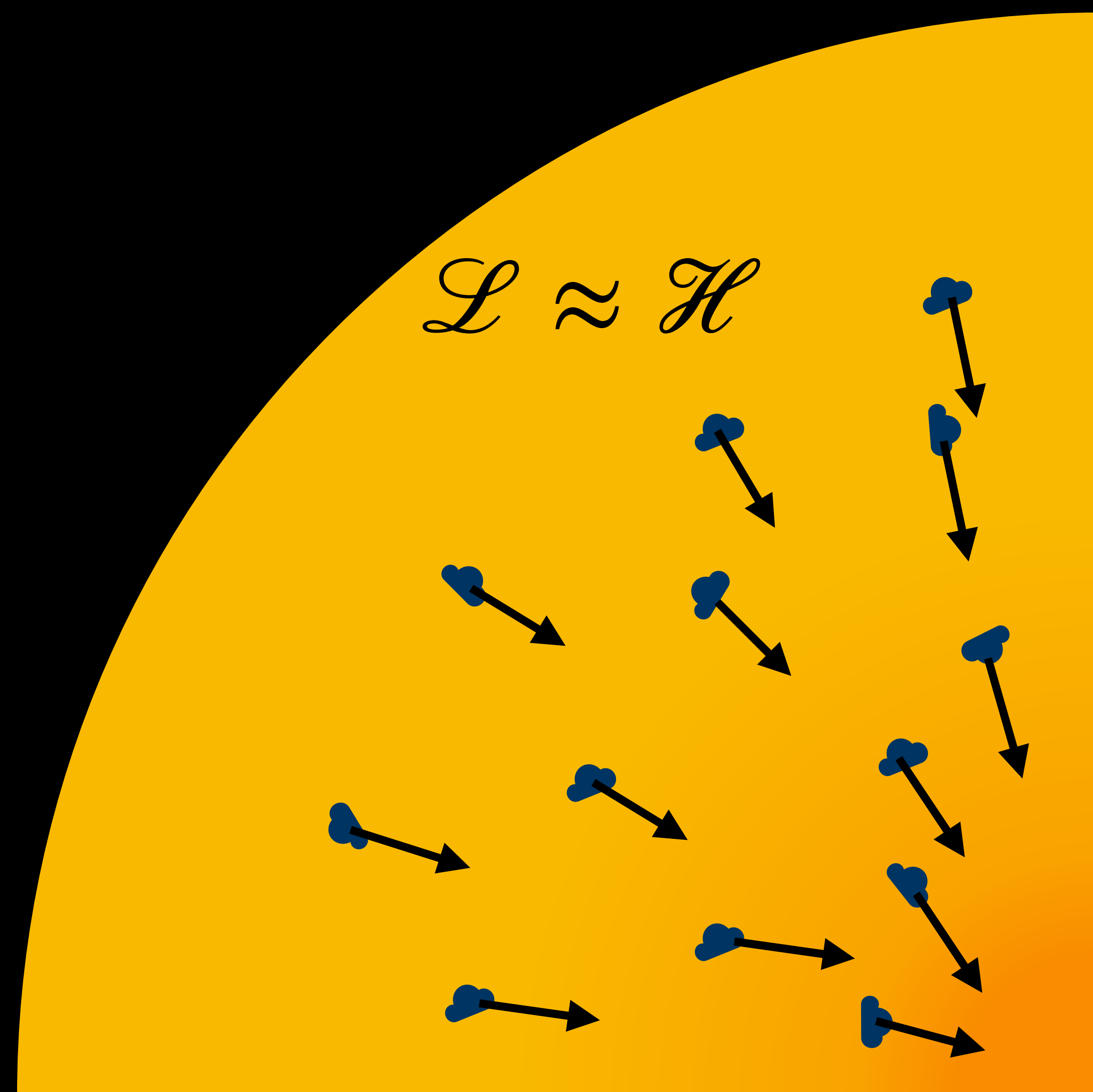
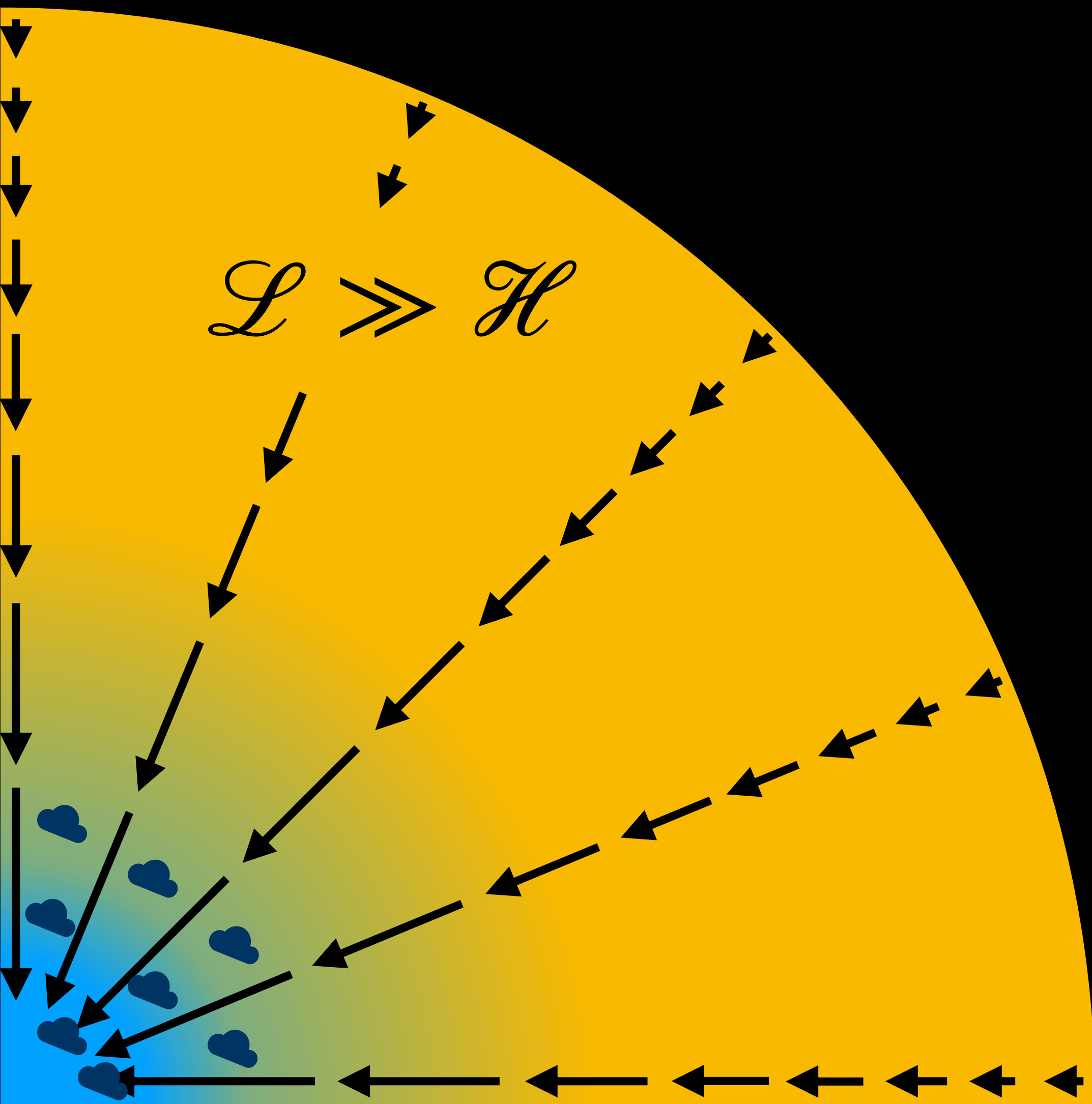


thermal instability

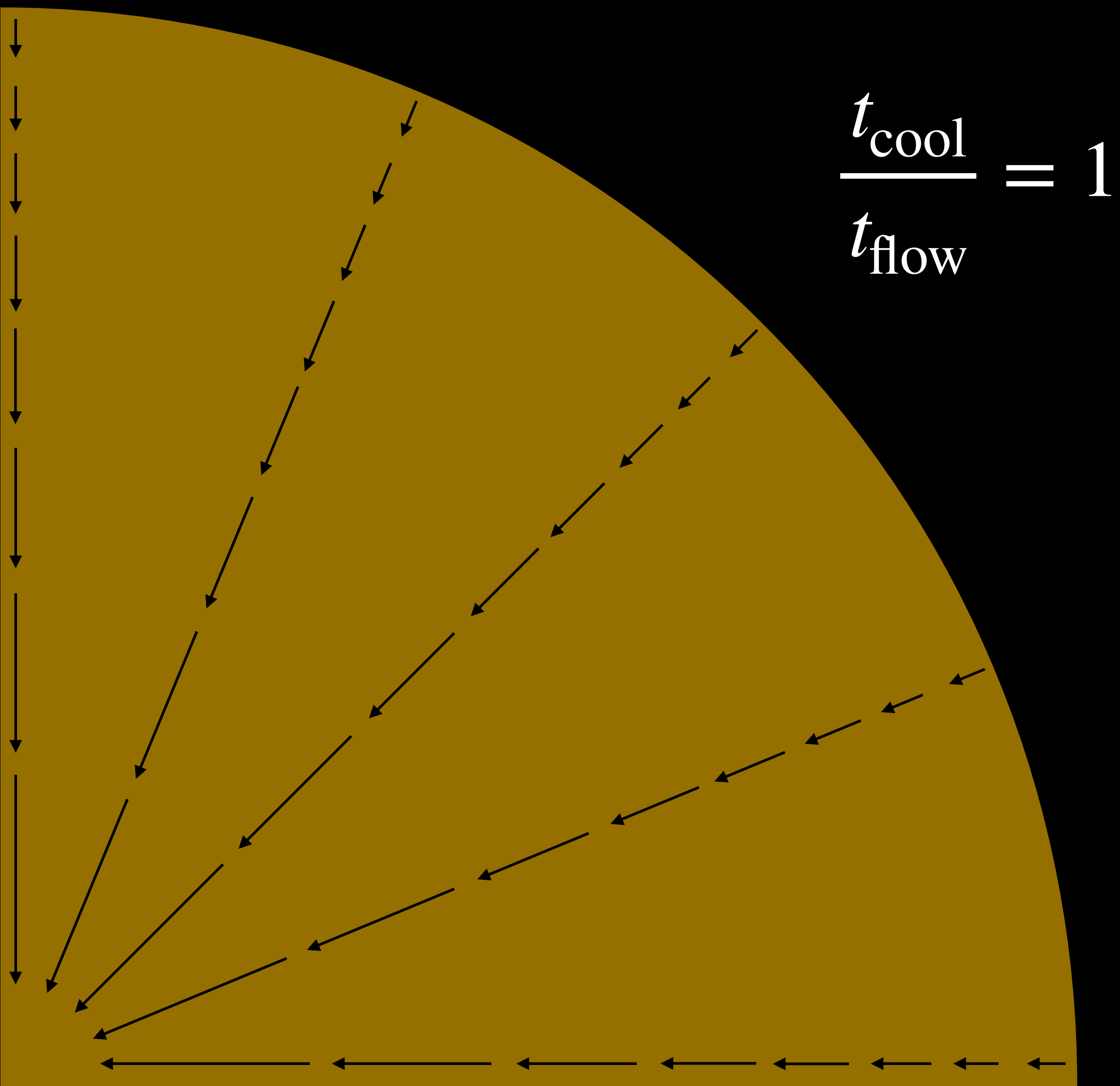
cooling flow

thermal balance



thermally instability

cooling flow



$$\frac{t_{\text{cool}}}{t_{\text{flow}}} = 1$$

compression
compensates
for cooling