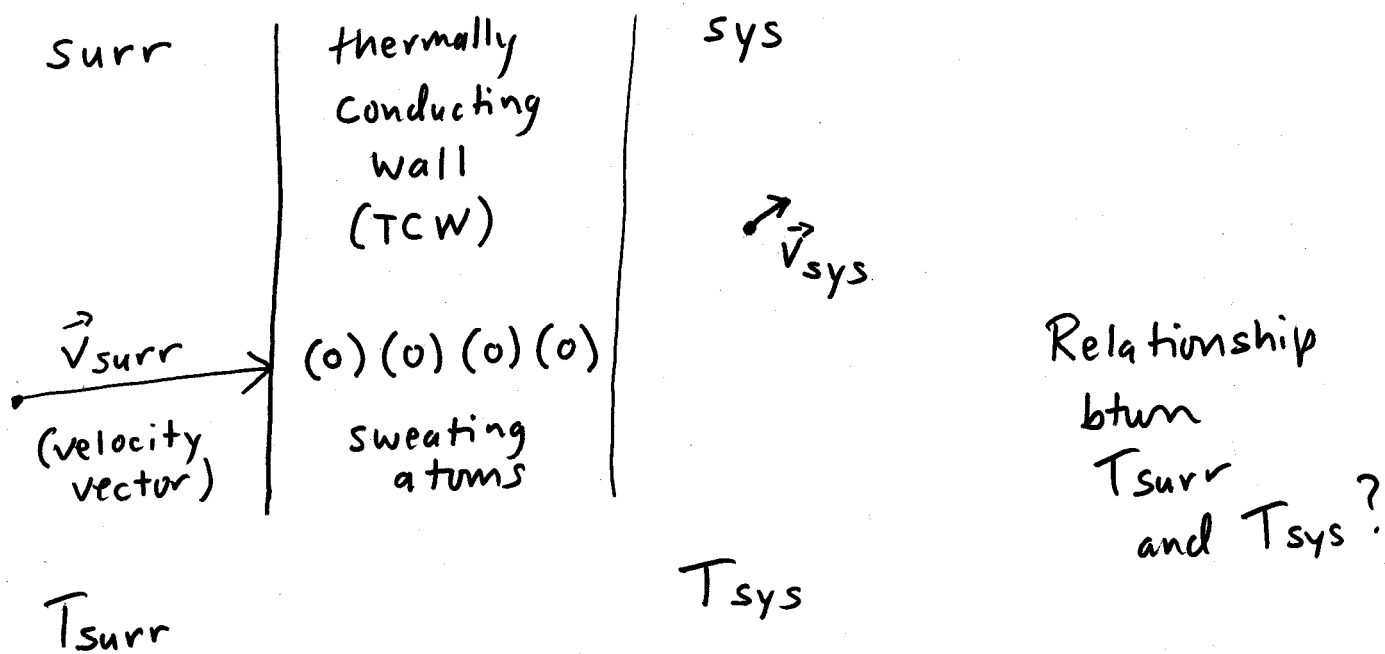


A painfully detailed cartoon of heat:

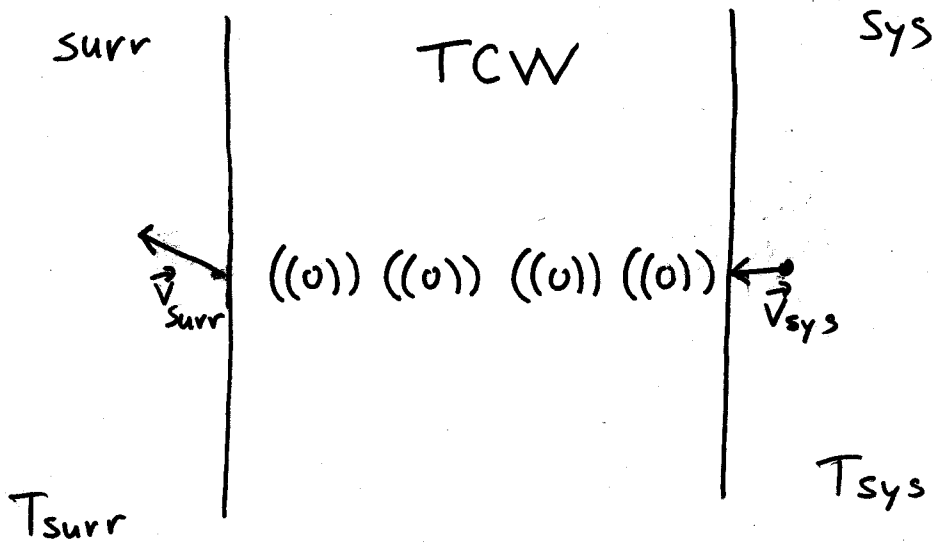
(i.e. energy transfer btwn system (sys) and surrounding (surr) by random motion)

Time t_0



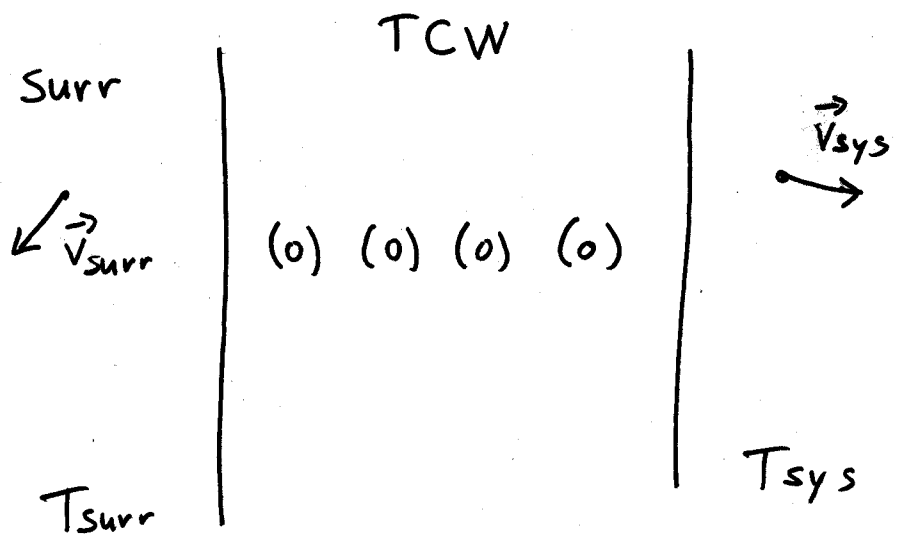
- Vector lengths represent average speeds of particles in surr and in sys
- Particles in surr hit TCW
⇒ energy transfer to TCW

Time t_1



° Particles in sys hit TCW
⇒ E transfer to sys

Time t_2



Thermal equilibrium btwn sys and surr
(i.e. $T_{surr} = T_{sys} \equiv T$)