P. Chum | Lecture Notes

(P,Y)

all only depends on the initial and final conditions (not path)

$$\nabla N = N^{t} - N^{t} = \int_{N^{t}}^{N^{t}} qN$$

define
$$C_V = \frac{Q}{\Delta T}$$
 how much energy needs to be $\frac{\Delta U}{\Delta T} = \frac{\Delta U}{\rho ut into system to varise it by legree. ΔT $V = C_V$ (apacity to store energy$

$$\frac{C_V}{aT} = \frac{3}{2} R_T = \frac{C_V}{C_V} = \frac{3}{2} R$$

differentiate with respect to T

