

Constant T Lisothermal conditions) that's now defosting chicken works, nonput it in a bath so it defosts at even temp, preventing uneven throughout temp, preventing food poisoning PV=nhT=constant=PV=>Px Yr Vory pressure to maximize work output in a vacuum, w=0 Finite W= - Pext dV PFF P; change initial is uss because P=0 W= Pext than Final regative Pext dV work is path-dependent P Pext imagine adding a weight, think of how it moves up down this helps imagine potential work being stored ٧t V Theoretical Maximize work that we can extract by the gas expanding wmax - JPdV "reversible conditions"  $P_i = P_F$ (As clise as possibu) but if anem happens  $\lambda^{t}$ ٧i