Thormodynamics Internal energy is the sum of the saintice mergy & the policies mergy of the molecular stronges rise them of the gas rise them its p \(\xi\) will incoorded the theory the internal morgy will also involved let the volume change by

OU. Pis constant

W=P & U 16.2 Volumonas - will by thogas Vol decrease > W pon the gas > Moot morall > y = q + W > works dono Signimoention Sontoinel morgy will ledooosld gestom heat added tothe gestom les hours 1890m

W. Distle, work is done on the system W. Dis-el, work is done by the system