14.5 Hedranical Energy and Conservation of Heath. Energy
Def (Total chain mean energy of System) DEm = DKS41 + DUS41
Sel com cied in mean graded of street 1 months
- dosol system, any conservative internatives: DEm = 0
-o completes I se servide blaceres: gas of them " blacks pero" and area reple faces ect
M.7 Chg of Nech. En. La closed S. Filem at Internatival consatilities
-o suppose internal ferres are both conservative on non-conservative
p-th-indep.
W. Wc + Wnc
W. Mc + Mnc poly dep.
We - DU = W - DU + Whe = DK
· Hac · DK + DU · DEmach
DESIS = DEm - Winc = O energy conserved but some mech en translated to non-reconstable energy winc
is there it as illestations blooms published the significant as
M7.1 Chg of Nech. En. Ju a Nan-closed System
- Stilem neu in central al sulambines
-0 DEsts = - DEjustandings
-o chain encest of the system con be also to external each arms on the sys.
West. Sten di
West > 0 = Desimand < 0
- one in each ou also po age to finding each forming infait
This Has is denoted Q.
Contention: Q>0 = on Steps into Sts. DEVIECO
→ West + Q = DESts (FILST Local Thesmodynamics)
To Well + Q = DESts (FILST Loca of Thesmodynamics)
To Well + Q = DESHS (FILST Local Thesmodynamics)
Went + Q = DESts (FILST Loca of Theimodynamics)
West + Q = DESts (FILST Locs of Thesmodynamics)
Went + Q = DESts (FILST Loca of Thesmodynamics)
Well + Q - DESAS (FILST Loca of Thetmodynamics)
West + Q - DEsis (FILSt Local Methodynamics)