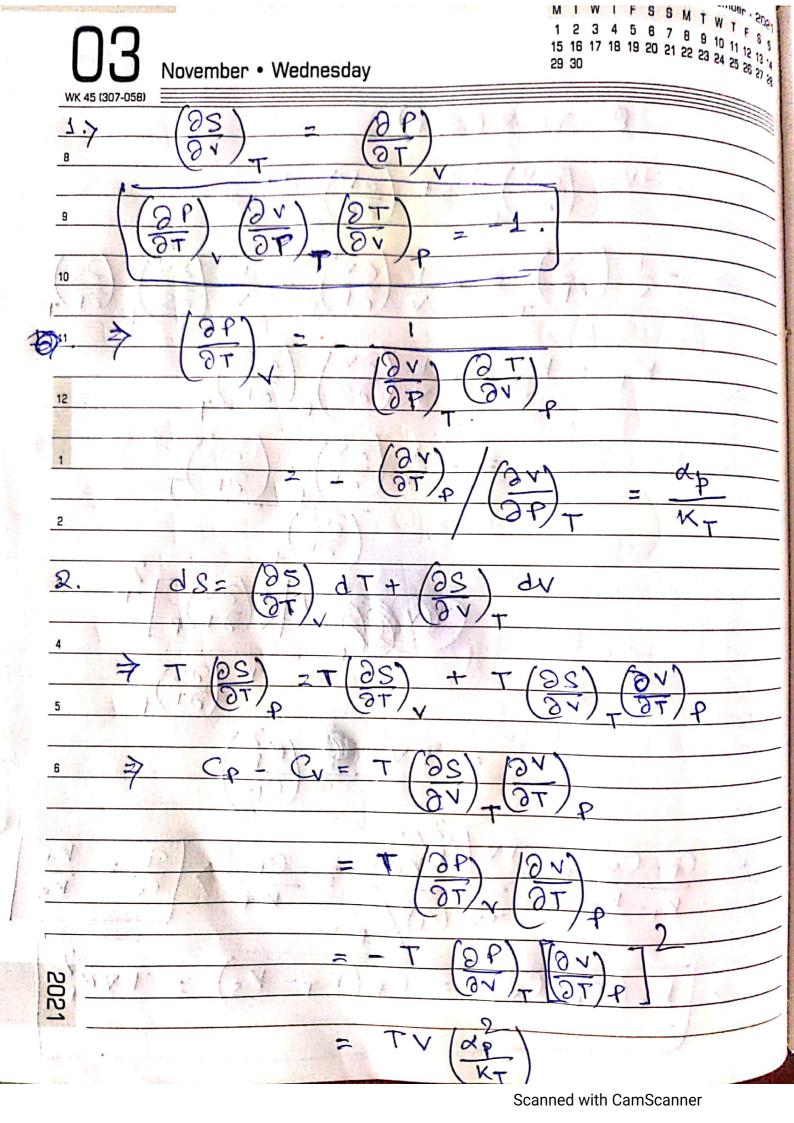
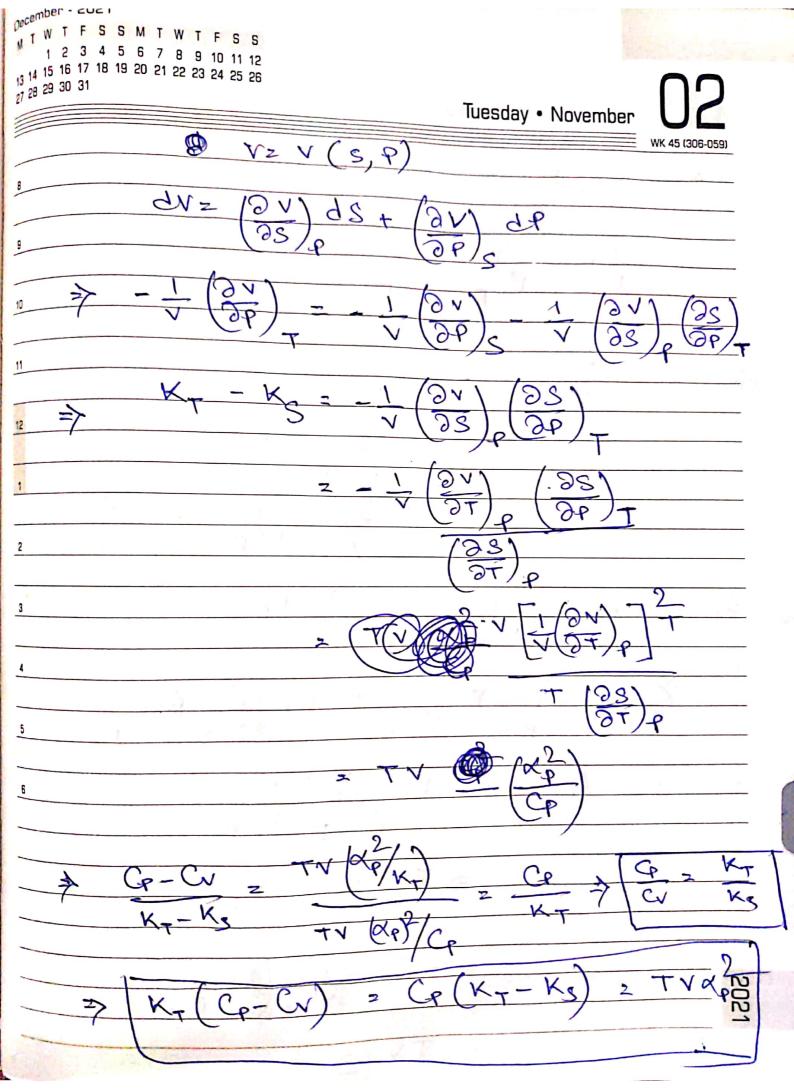
05 November • Friday

WK 45 (309-056)
Entropy and available energy:
$\frac{1}{1} \frac{1}{72} = \left(1 - \frac{1}{70} + \frac{1}{2}\right)$
9 (Q
10 >> W => Wmax = Qn
11 to 2 2 Q(1-To/T2)
12 Only part of the heat energy from reservois
is available for work.
$2 \qquad \qquad W_1 = Q(1 - T_0)$
W M M M M M M M M M M M M M M M M M M M
3/ QT = entropy gain of res T,
- Q = entropy decrease of ros T2
5 E 2 W2-W, = Q TO TO 2 TO Q Q.
- Ti T2 -
= To [ASin]
= last work energy not available for
work

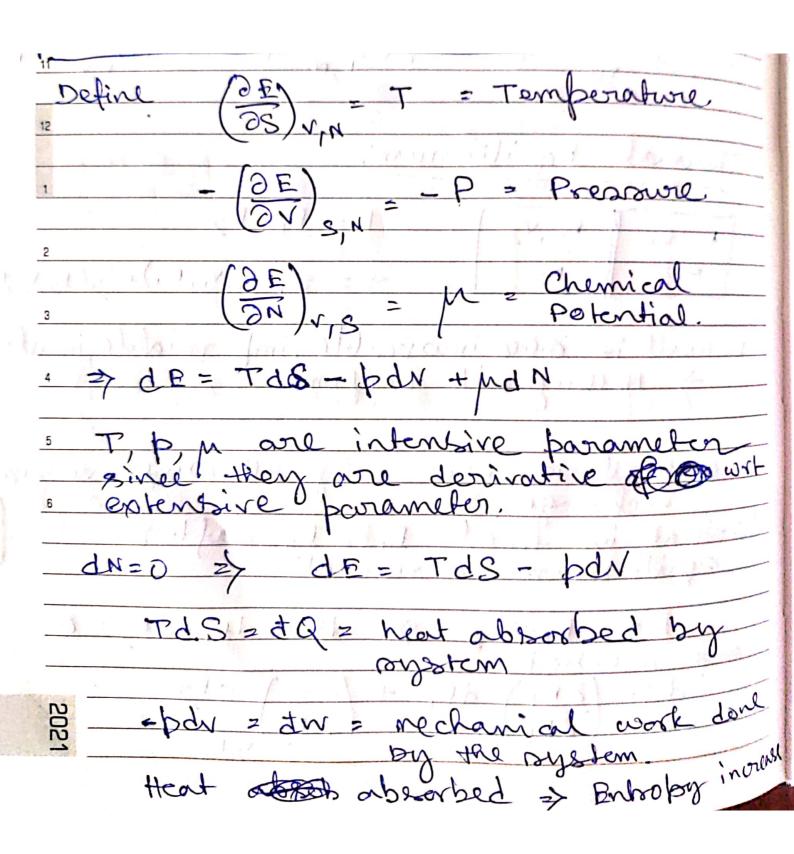


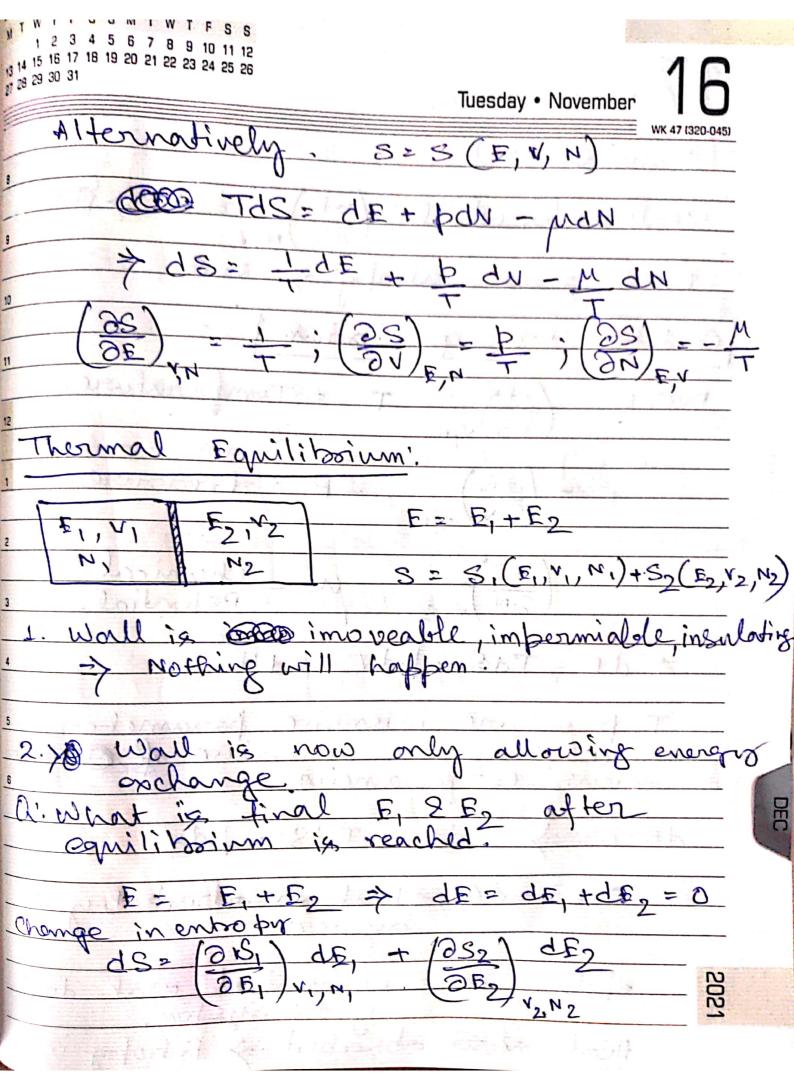


November

October • Sunday

Ba' 3





2 3 4 5 8 7 8 8 10 11 12 13 2 10 10 20 21 22 23 24 25 20 1 2 3 4 5 6 21 22 23 24 25 26 27 26 November • Monday equilibrium maximized Portulate = F2 since do, +0 wall is now also allowed E- 5, + E2 > df1= - df2 111 dv1= - dv2 egni

4.> Similarly for chemical

Scanned with CamScanner

