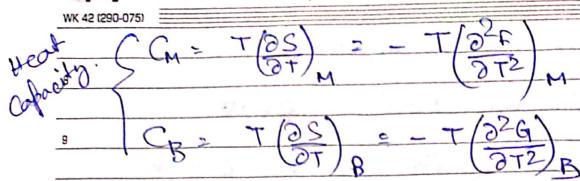
MTWTFSSMTW

2 3 18 19 20 21 22 23 24 25 26 27 28	10
16 17 18 19 20 21 22 23 24 25 26 27 28 15 90	Monday • October
Thermodynamics of magn	etic system.
PVT	B= Magnetic
	Induction Plu
BMT	M= Magnetization
DdV = TdS + B	•
0 U = U (S, M)	
DO HZ U-MB	
dH= TdS-MdB	* H = H(S,B)
3) F= U-TS	
> dF = - SdT + BdM	=> F = F (T, M)
4. => GZ U-TS-MB	
rom (D) => dG= -SdT-MU	$3 \Rightarrow G = G(B,T)$
T_{2} (80) B	2 (20) Marwell Relations
(27) - (88)	
$\left(\frac{\partial T}{\partial M}\right)_{S} = \left(\frac{\partial S}{\partial S}\right)_{M}$	
	2021

17 October • Sunday



Mognetic
$$X = (\partial M) = -(\partial^2 G)$$

Sweet Fibition $T = (\partial M) = -(\partial^2 G)$
 $D = (\partial M) = (\partial^2 H)$

$$\frac{2}{8} \times \frac{2}{8} \times \frac{2}{97} \times \frac{3}{978}$$

$$x_{T}(C_{B}-C_{M})=T\alpha_{g}^{2}$$

$$C_{B}(x_{T}-x_{S})=T\alpha_{g}^{2}$$

2021