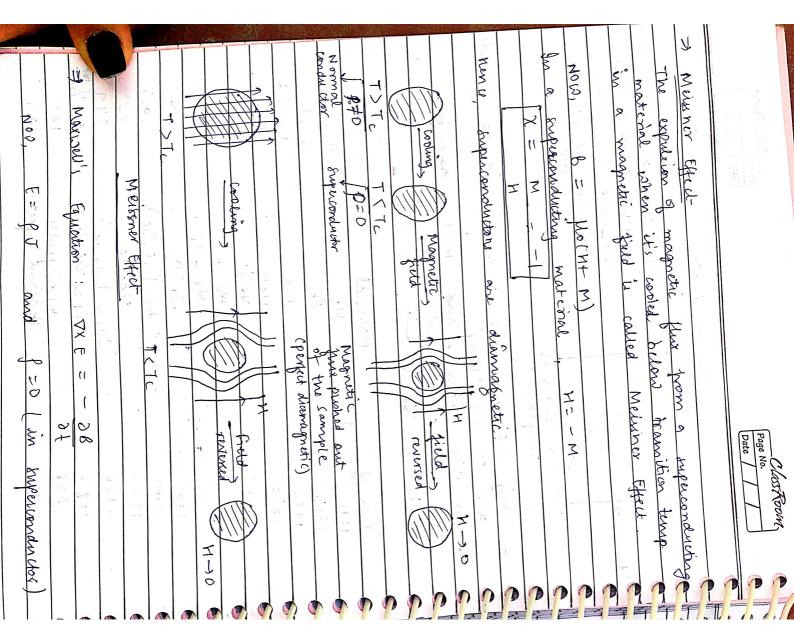
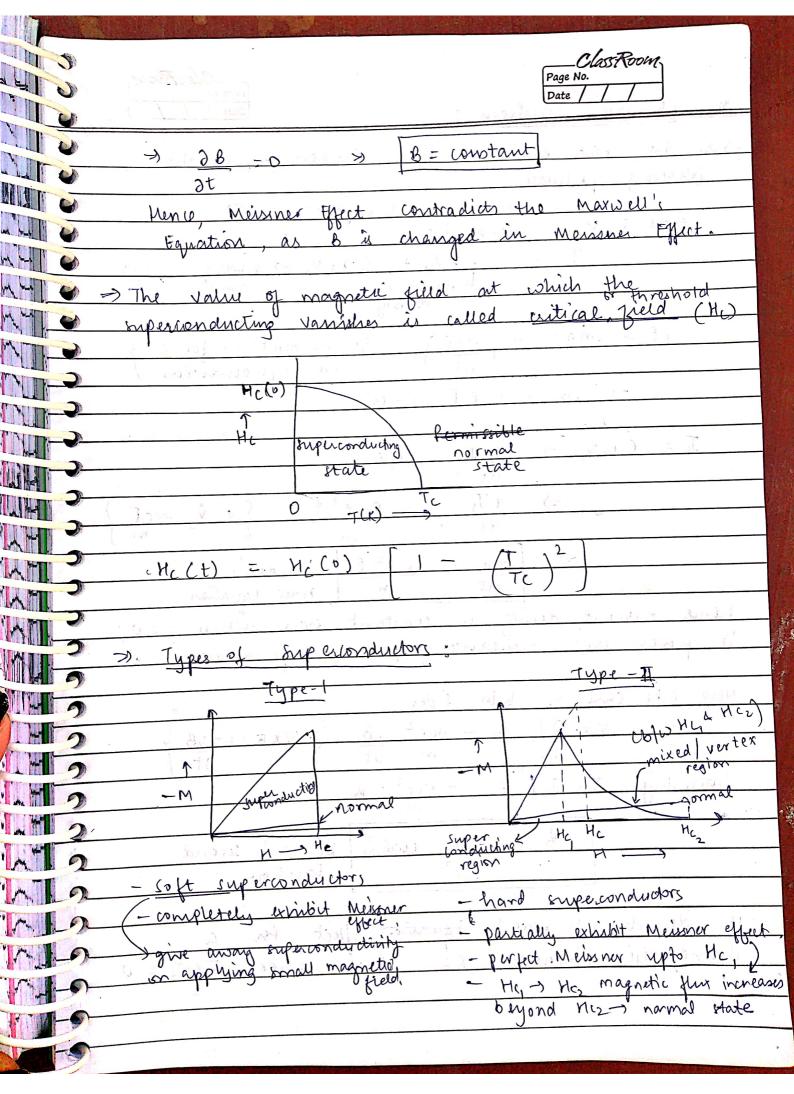
Class Room. Date Superconductions The temperature at which material exhibits zuo sessitance is called S Rexistance transition temperature. 4.22 4.24 4.26 4.28 4.3 Terry (K) -3 to low temp. ) In 1986, Bednerz and Muller described. dis covered a material with high TC...

La-Ba-Cu-O -> Tc=34K To CK) Material Year of way 4.2K 1911 6.2K 1913 9.25 K Nb 1930 15 K NON. 1940 17 VzSi 19.50 18 Nb2Sn 1954 10 Nb - Ti 1960 Sr TiO2 0.7 1964 Nb, (Al, Ge 20,7 19 70 Nbage 1977 1 Lair Bar 15 Cuby Y Bay Cuz 07 1986 1987 1 Bi Cuprates
Thadium cuprates 105 1988 25

1988





Chastoom, Page No. Date / /	supere (D	ens Ve - Euper et (3)	5. no maistance for e-1	w)	n, o 2 E S - V - PE S		hour Equation	constant even when (= 0);		38 7:7x 6 =-38	2 B	cure Js pondon's second	tqu alvar	Elect. For a	and hence 1x 1, = 0	
* London's Equations:	following pertulates:  total e d brosmal e	J = Enn Vn + b normal	olvs olt	3) m V, = PE	Je = energy and Je = hy out	at	out = Jus	tieny careseart denate is consistence pro	Poth	VX 2 J5 7 - 13 62	Integrating VX Ts = - nge2	8 = -w	N.e.z	12 describes Meissmer's Esperation	diamognetic substance, B=0	B 14 Walter C 114 ON 8 14 G

