Physics	135-B MIATERM
	2
1) (a) (DUNHEY CIIWIJE	2) (A) (DII 1?3 AYE (DVNHYCLOWISE
(b) (1)(knise	? (0) 2 1) (1) C FWIJE
(1) no change in magnetic	(b) when (lue) too long
fix=no induced current	mere are no currents
3) DV   At = V	u) DB = 2-0=2
= IT · M <sup>2</sup>   J	EMF; = -NOB
$=  T \cdot m^2 $ $=    N A \cdot m  + m^2 $	At !
=   N·m   S * (   A )	EMFI = -N DBA 11JT /1t
= 112 (116)	$= (-1)(2 (\pi) 2.20   2)^{2} (05 (0))$
= W	0.25
	EMF = -3.04 × 10 -3 V
i) ε = Δ8/4t	
top down view whall mutally	
perpendicular (1)	(4)
Y X X	6) N= VY A.B.W
XXXX	N= 18 / (3×10-4) (0.64) (1875)
X	N=50 turns
ennow when v L B, but	
LIS not L to B	





