29.7) SO-23= Ho Inc	29,27) B=0,87, L=50cn=0,5~
a) B(2111) = Hoi	a) E=DLU
B=Moi	V=7.53
b) (into the page)	E:= 3V
C) do = BdA	b) counterclockvile
OFO = ZOCLOC	c) R=1.512
d) 17 Mo: 110	Fp= IIX A . O. A.
\$ = 25 S = OC	V=IR->E=IR-
$ \frac{\Phi_{B} = \frac{H_{0} + L_{0}}{2\pi} L_{0}}{\Phi_{B} = \frac{H_{0} + L_{0}}{2\pi} L_{0}} $ $ e) \epsilon_{i} = \frac{\partial \Phi_{A}}{\partial t} $ $ \epsilon_{i} = \frac{\partial \Phi_{A}}{\partial t} L_{0} \left(\frac{L_{0}}{2\pi} + L_{0}\right) $	3V=I(15R)
e) E = - 000	I = 2A
Ei = ot (Hoil In(=))	Fo: 2A (0.5m) (0.8T)
E:= Holin(b) di	11 20 50 Fp= 0.8N) = 5
f) Ho=471×107	d) to the 11ght 1
L=0.24 n	e) W=FU=65
b=36cm	P=J2R
u=12cm	6= Abs (1215) = PM
# = 9.6A/s	Equal
E;=5,06×10-7V	Company of the same of the sam
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	29,28) L=0.750m, D=0.55T
29.20) a) right -> left	J:67, R= 25.2
5) right->left)	a) E = BLV
e) left->light)	E1= 2.48V=) 11=0
	b) counterclockwise
29,25) L=40cn=0,4m	c) V=IR-> E=IR
成=0,470T v= 5.70号	JE-0,099A). Walnut
v= 5.705	/ i.======= (× je:
a) E = BLV	29,29) L=0.770m, R=412
E;=1.07V	B=0.6707
P) [P]	a) v= 5.9%
c) E= E	Counterclockilse
E= 2.68 \(\frac{1}{2} \)	5) P=I2R I= ==
d) (b b a)	I=k
e) b	V= E; = BLV P= (84)2 R
f) (OU)	P= (ACV) C

29,47) A=2.2cm2=2.2x10-4m2 1= 86thm/cn= 8600tm/m (FR-02/2U) St = RndV i(t)= (0.162 A/32) t2 FM OF = (FR+13-122) Nz=5 turns 6) J=3.2A t=4,445 W=FR-BILZU, de BZLZOV 8,=82 Rn = R2L2 Sou E1= - do = D2L2[In(FR)-In(FR-12LZV)] TO= SO-DA= BA t= 042/n(FR-13222) B= HONI(t) t = 2.24s) E = of (40, AI(t)) X (=), 74.1.1.3: E,= MON, A (3+=(t)) 29.56) 10=0.042Qn 3=31 E,= Hon, A (0.324 A/s) + (N2) B=Po[1-)(告)?+2(告)?]全 [=1.7×10-5V) (3373 to=0,013, Bo=0,08T R= 1212 = ----27.51) d=6.1cm->r=0.0305m a) \$\Partial 0 = \int 0 A \\
\[\begin{align*}
\beg B=1,03T, t=0,21s a) & = - 300 b) \(\xi = - \frac{\dagger}{\dagger} \) 100 = 09V [Et BoTIG2 (\$[1-3(\$)"+2(\$)3]) (E7 = - 2 (BCAZ) Et Botico2 (== + == + == + ==) <A>=+50.0092 n2 t=5×10-3s - messensel Cares ({>=1.031(0.02922) 181= 0.067 V 101=0 (E) = 0,0143V c) counterclockwise b) a to b) d) I=3MA=0,001A):4 E-Ir-IR=OV 29.52) L= 0.153m, m= 0.150kg ENY MARK MITTIES R= 82.42 B=1.50T == rtR 」のからない。 F=1.9N ... EF=MA e) t=1,21×10-25 * TTFO [E1=0.068V] - 1316 E FIILB f) [clockelise] The parties I== 9) 5×10-35 < t < 1.21×10-25 E=BLV - tot + tot2 = 0 00000000 I= 学 t=6=0.01s

29.57) L=0.2000 (03) =====	29.59) 9) 8:=- 50 4 (14)	
w= 9 130	工二些	
D=0.77.9	Fo=ILXD	
· ΛΛ Λ , 306 49	Ei= DLV	
(3)	TENET IS	
STATE STATE OF THE	Fo= 0222V	
1 1 1 1 2 5 3n = 5	b) 1222 = +m 37	
a) $\xi_i = -\frac{\partial \mathcal{L}_i}{\partial t}$	Bizo = +mv dv	
Pa= SOOD = Bordr	100 = 20 00 100 = 50	
Ei = - Dur Sirdr	$\frac{\partial^2 U^2}{\partial x} \times = \frac{\partial x}{\partial x}$	
(E = 1 - Bur (12)	X= Vo 112	
E1 = 0.126V 100 = 1 (2275)		
	29,60) N=5000, R=0,012 /m	
2) 212-Bus 12 rdr 0 = d		
E; = - Der (1/22) Sh 3/1 (1)	ENERGY C= LOHE - L CRIS	
E = - Or (8) + Or (6)	18 car 3 5 b= 4cn=0,04n-1	
	M2=1002 N 5 (B	
d) 8: z-Du(2)	Q=100MC	
(1 E; = 0,0315 U)	1 2 a/c - (3)	
10 (1161 7 m) that 3/ care	E IR'S TELEN	
19.58) L= 0.23m	R= 5000(2Tia) (0.012/m)	
8=36.1° VT80.0 43/	R=125.662	A S S S
V=6.85 (and dord) ()	[OV=I(125.66a)	
B=(0.1807) - 2(0007) - (0.07007) 2	J=0.0796A)	
E; = - 3 to	6) \$\bar{Q}_2 = \Q\ \Q\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	
₱n= 50.0A	I = B = HONI = SI	
2;= 5xB 0 C	P=HonITTb2	-0 A
WE6.87167	? 67-13	
173 F 17311dis	# ~ # - #	
6.6 0 0 6.6		
0.18 -0.25 -0.07	William Brown	
(0.476)-1.7E)-L 1015/ (7 - 7	
0.4765in (36.1) L	Ma-3	1400
2:0.066	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
12. 3. 2. 2. 2.		