Signature

Exp. Number	Experiment/Subject		Date	46
Name trovor N.	Lab Partner Lavien Lee	Phillip	Course & Section No.	on 31

Obstal the goal of this	lab is to worker fundings law of
1050 torn 1500 torn 1500 torn 1500 torn 1500 torn	1) turn on voltage detailer 1) Paros majort Through on one observe In voltage
meryet	1) Place the col 40 cm away 2) Mon book of both + 2 cm 3) glow topers to In mosent, not and 4) (except he "nouse" in the delar
(entet) - 40 0.4050	- 40-cen: 0.06177 Vs - (en-40: -0.08926 Vs
(cr-40-0-235V -0.06924 Vs	(en-40) -1.274V -0.1269 Vs
T.t: 0.08035V, -0.08291VS	onward, the we it back 1) preved the peal of low 3) Integrate the first warms of search were 4) Regert @ 3 dot speeds.

Signature

Date

Date

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house of the low win	1) Place cost high and yester)
Jose	2) Ton left 90° slum
Wo I	3) Em mt wo slowly
Slow: 0.01035 Vs -0.02728 Vs	4) an left w' hour
East: 0.01000 Vz, -0.0293 Vz	() to water ow guilley
[800	6) Integrale to EMF for each wem
0.03965 Vs -0.05295 Vs	B) Now flip 1800 40 yeary speeds
0.03663 Vs	8) Integrale each warment again.
-0.05133 Vs ±78A A: 1600x 0.77cm ²	- t-Tosa 1) Cornect 1600 turn und 1) more and to midelle of
Amz	3) Collect valtage in aul our En
400 / 274.05 mV	a) Record amplitude of sme we
16 1.73 mV	S) Sung to 160 & 16 turn coils
MEONS and of earth's field Wire: (1.5) -14.25 = 6.02237 (3) -10.45 ± 0.02221 (4) 5 -8.479 ± 0.02699 (5) -5.800 ± 0.03249 (6) Signature -4.167 ± 0.1845 (6) Date	3 -6 427 ±0.02362 b 5 -6.472 ±0.01607 b -5.205 ±0.08188 b -5.013 ±0.1250 b 7 -4.505 ±0.1837 b -4.583 ±0.1837 b -4.583 ±0.1837 b -4.207 ±0.1837 b -4.207 ±0.1837 b -4.207 ±0.1837 b -4.207 ±0.1837 b
Signature 4.167 ± 0.1845 6 Date	Signature 315 1 01765 6 Date