

Lab 3-02

Tuesday, January 27, 2015

9:14 AM

Need 2 resistors - write down #'s

- Measure current of resistor $10\ \Omega$
- Use voltage current sensor
 - voltmeter
 - ammeter
- use DC variable
- current will flow through resistor
- put voltmeters in parallel
- need atleast 5

A \rightarrow 005

B \rightarrow 012

Lab 3-02 Quantitative data

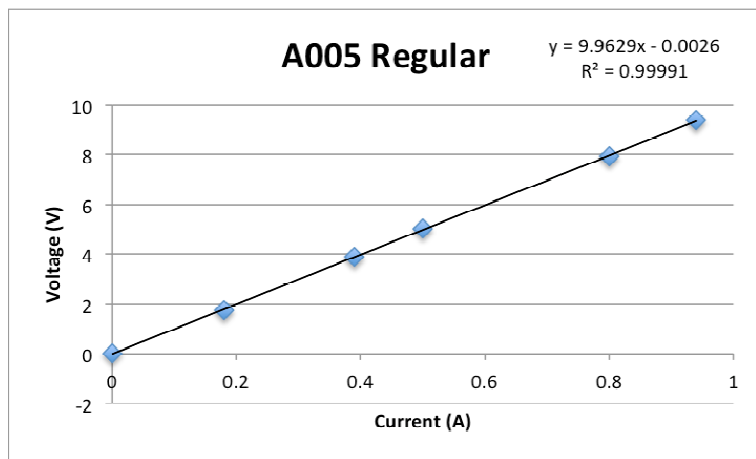
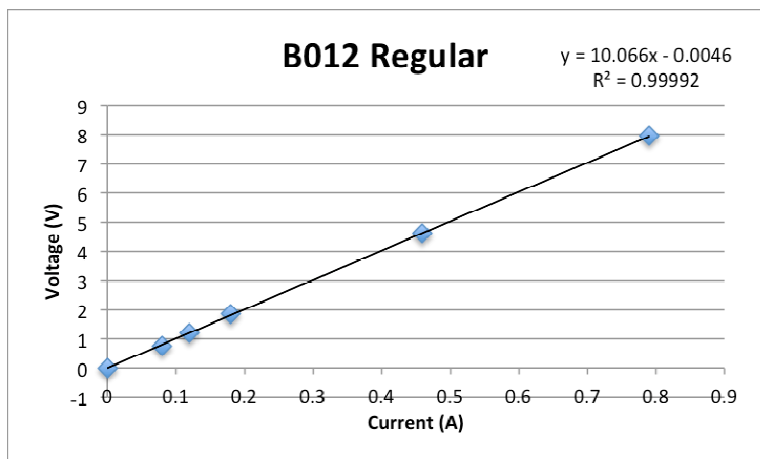
Monday, February 23, 2015
10:11 AM

B012 Regular

Current (A)	Voltage (V)
0	0
0.08	0.76
0.12	1.21
0.18	1.85
0.46	4.61
0.79	7.95

A005 Regular

Current (A)	Voltage (V)
0	0
0.18	1.76
0.39	3.9
0.5	5.02
0.8	7.92
0.94	9.38



Parallel

Current (A)	Voltage (V)
0	0
0.21	1.06
0.33	1.64
0.48	2.42
0.76	3.78
0.99	4.86

