

Data Table for Ohm's Law Lab
Physics 281 Summer 2003

Part I

| Trial # | Voltage(V) | Current(mA) | Resistance(Ω) | Deviation(Ω) |
|----------------|-------------------|--------------------|--|---------------------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| | | | | |

Note: Remember when calculating the resistance the Potential must be in volts and the current must be in Amperes not mili-Amperes.

Part II

Data from the computer

| Slope m (Ω) | Y intercept b (V) |
|--------------------------------------|--------------------------|
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