

Name: _____

Lab: Magnetic Field of a Current in a Superconducting Ring

Grader: _____

| Grading Rubric | Subscore | Maximum | Score | Total |
|--|----------|---------|-------|-----------|
| | | | | |
| Title Page | | | | 5 |
| Results | | | | 30 |
| Lab set-up Diagram | | 5 | | |
| What do you observe? | | 5 | | |
| Spreadsheet of B(z) values | | 5 | | |
| What is the smallest z-value accessible? | | 5 | | |
| Axial Magnetic Field Comparison (spacers) | | 10 | | |
| | | | | |
| Discussion | | | | 40 |
| Straight Line Fit (Graph) | | 10 | | |
| Re value | | 5 | | |
| I value | | 5 | | |
| Magnetic Field Decline Graph | | 5 | | |
| | | 10 | | |
| Significant Figures | | 5 | | |
| Units (-1 every occurrence) | | | | |
| Measurements w/o uncertainty (-1/2 every occurrence) | | | | |
| | | | | |
| | | | | |
| Total | | | | 75 |