

## Helmholtz Coils—Uniform Magnetic Fields

### Apparatus

1. 2 Pasco Model EM-6723 500-turn, 21 cm diameter wire coils affixed to a custom-made rotatable rail carrier
2. Pasco Model PI-9877 0-18 VDC power supply capable of supplying 1 ampere of current
3. Pasco Model CI-6520A magnetic field sensor
4. Newport Model PRC-3 rail carrier
5. Newport Model PRL-36 precision 92 cm optical rail
6. Electrical leads with banana plugs
7. Pasco ScienceWorkshop 850 Interface
8. Pasco Capstone software

### Comment:

### Setup:

