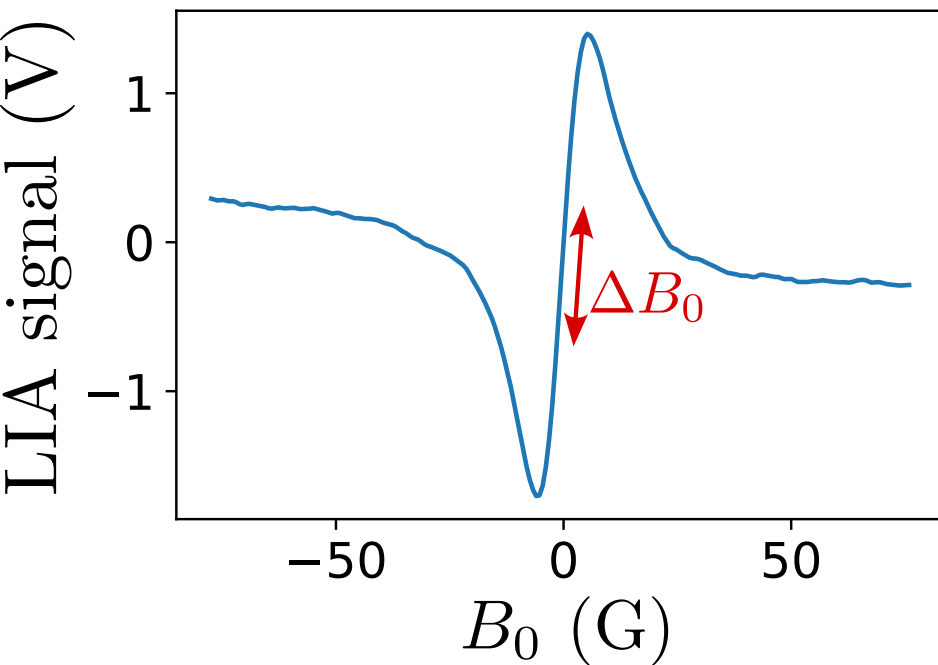
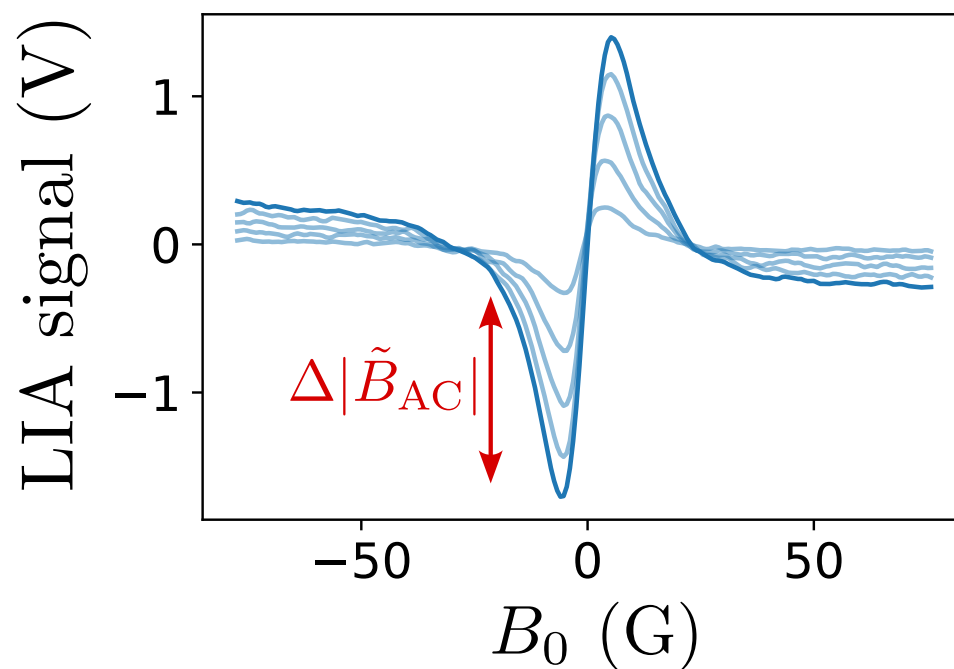


DC sensing



Requires $|\tilde{B}_{AC}| \sim 10$ G

AC sensing



Requires $|B_0| \sim 10$ G

Converting voltage into B-field (DC):

- Calibrate the slope for a given sample and orientation
- Feedback loop to stabilize $V_{LIA}=0$ and readout the EM current.