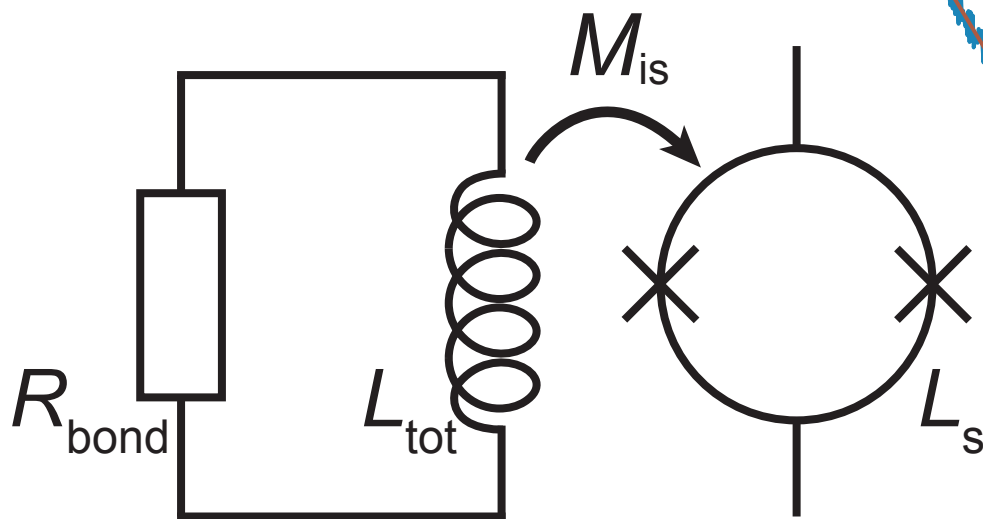


$T = 4.2 \text{ K}$

noise $\sqrt{S_{\Phi_s, SQ}} \text{ } [\mu\Phi_0/\sqrt{\text{Hz}}]$



— Measured noise spectrum

— Fit with parameters

$R_{\text{bond}} = 2.07 \text{ m}\Omega$ and $L_{\text{tot}} = 6.86 \text{ nH}$

frequency $f \text{ [Hz]}$