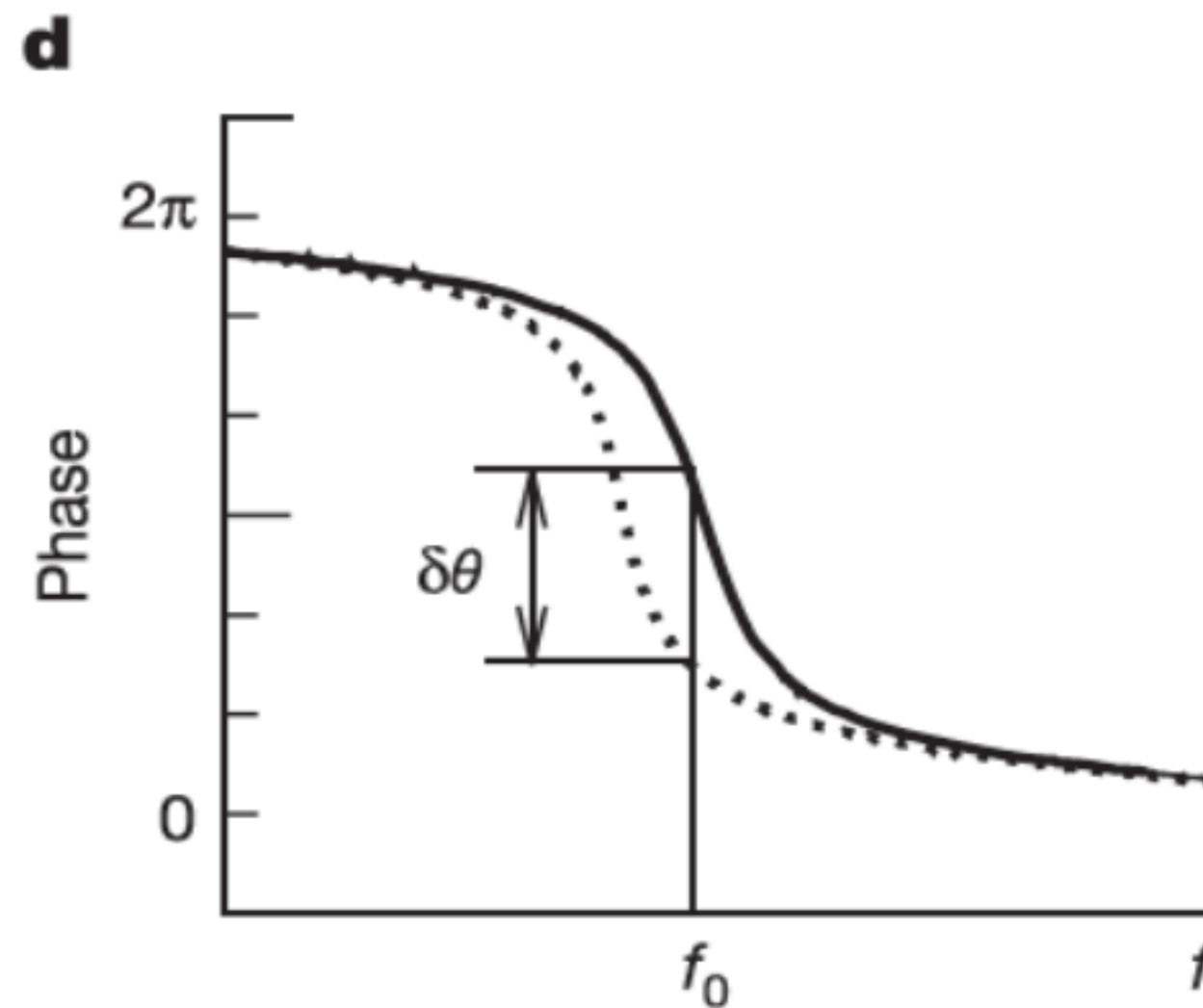
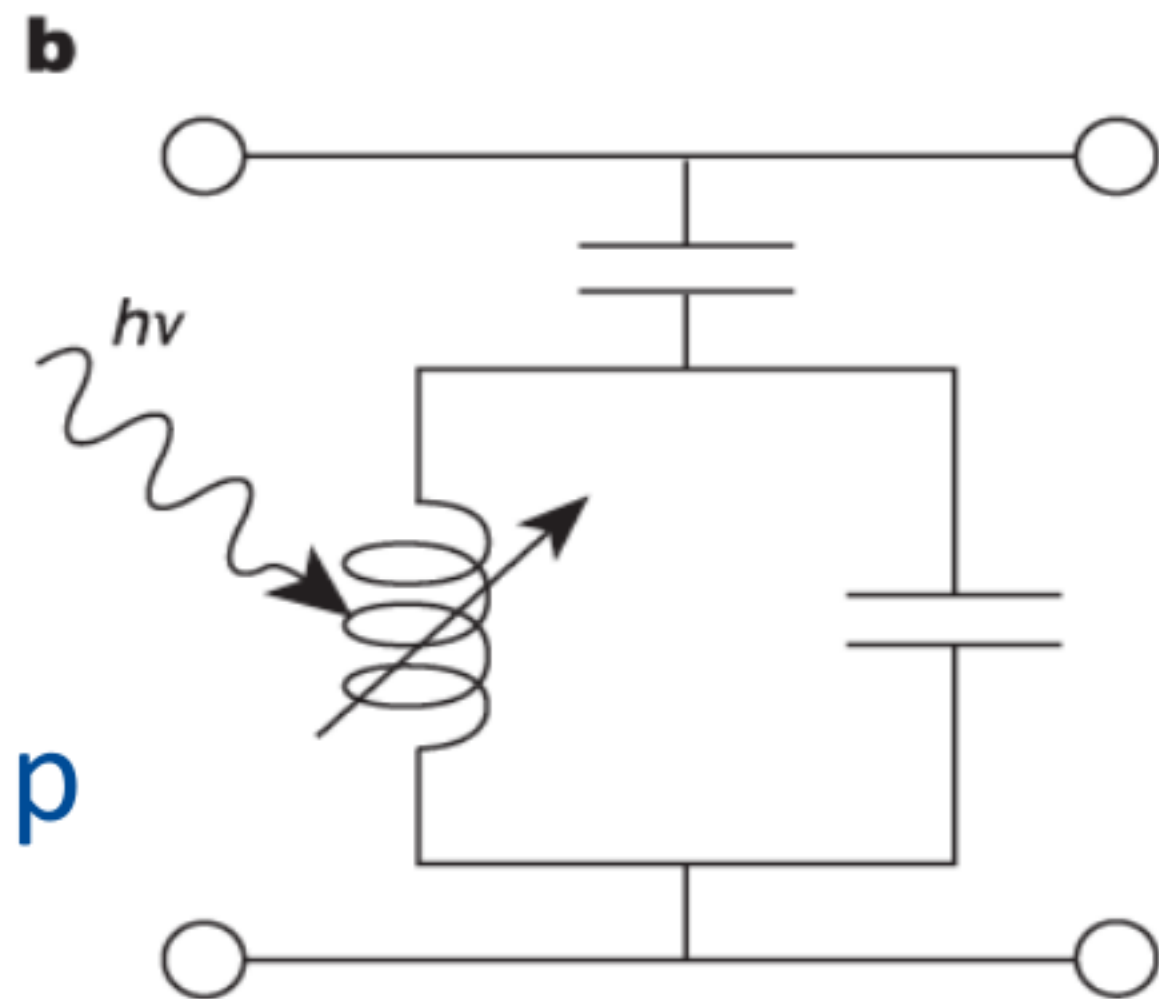


Amplitude of S_{21}
frequency scan
around resonance f_0



$|S_{21}|$
Phase of S_{21} frequency
scan around
resonance f_0

Kinetic
inductance
changes.
Resonator's
temp. goes up