## Lecture 10 — Ferroelectrics

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 $March\ 17,\ 2025$ 

• Debye Equation for Dielectric Relaxation:

$$\varepsilon^*(\omega) = \varepsilon' - j\varepsilon'' = \varepsilon_{\infty} + \frac{\varepsilon_s + \varepsilon_{\infty}}{1 + (j\omega\tau)}$$