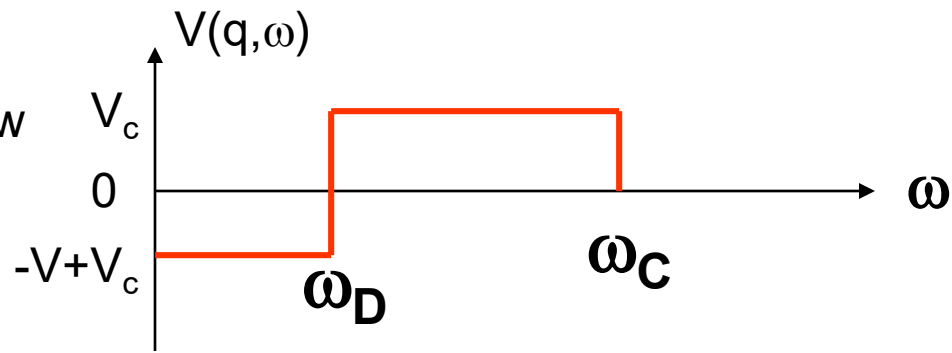
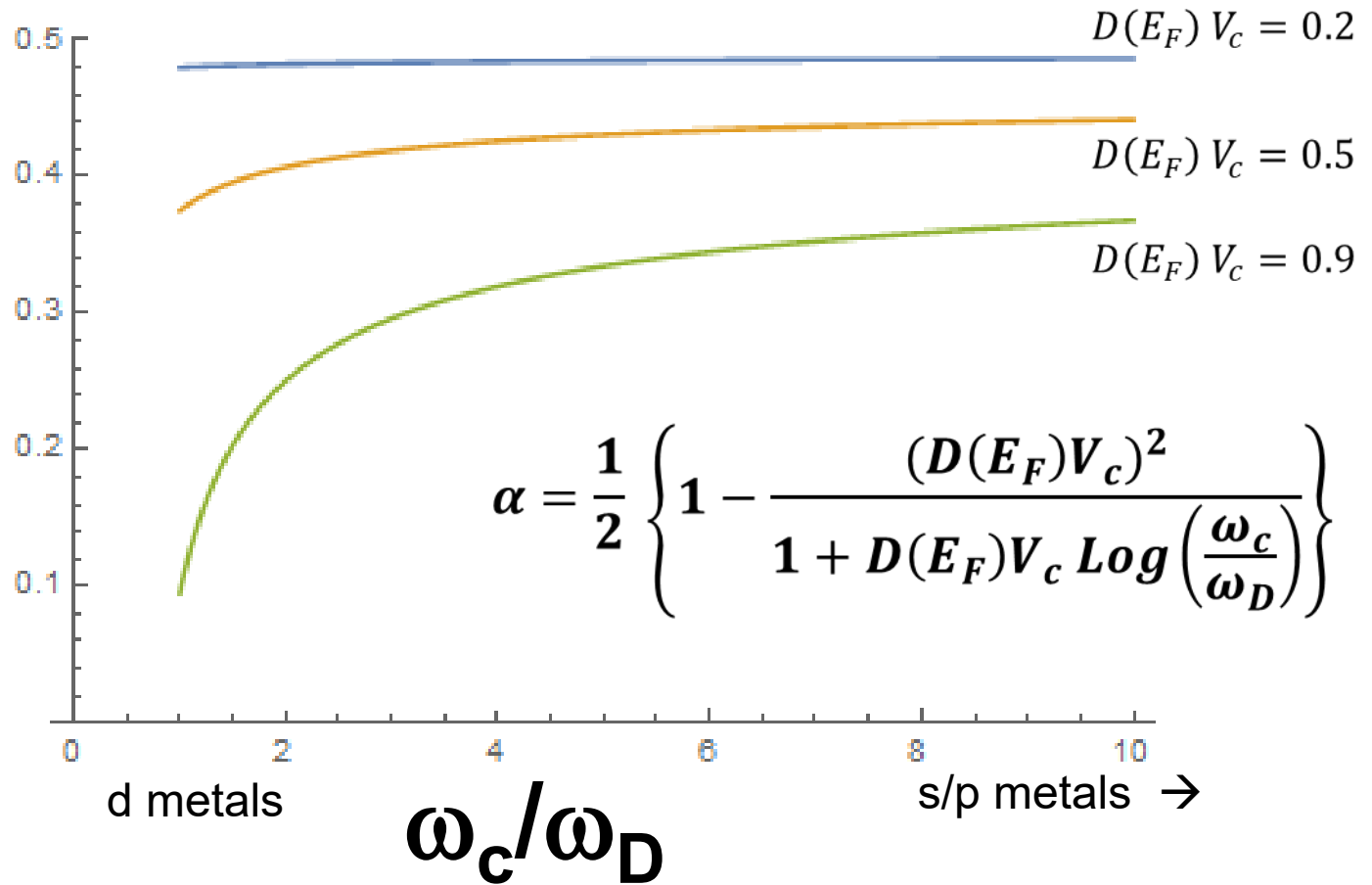


Suppression of Isotope Effect exponent in narrow band superconductors

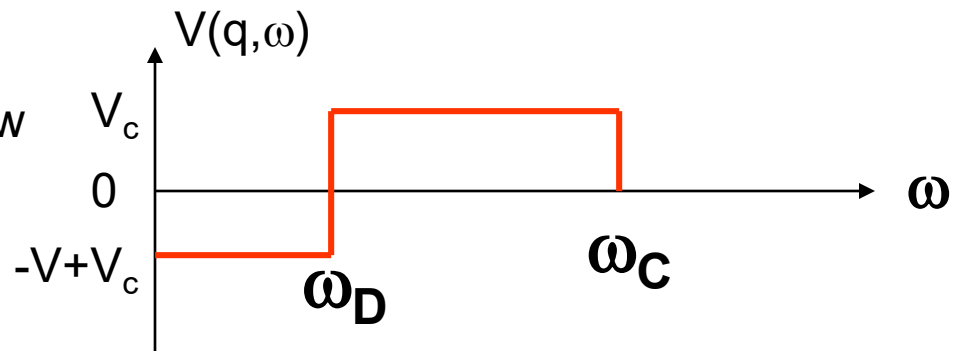


Isotope Exponent α



Ratio of cutoff frequency to Debye frequency

Suppression of Isotope Effect exponent in narrow band superconductors



$$\alpha = \frac{1}{2} \left\{ 1 - \frac{(D(E_F)V_c)^2}{1 + D(E_F)V_c \text{Log} \left(\frac{\omega_c}{\omega_D} \right)} \right\}$$

Isotope Exponent
 α

