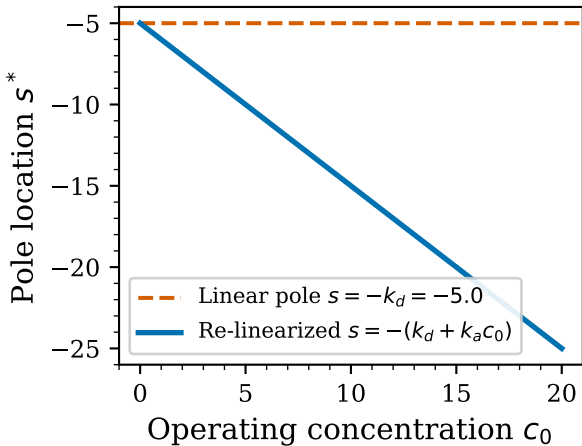


(a) Pole shift with loading



(b) Effective equilibrium constant

