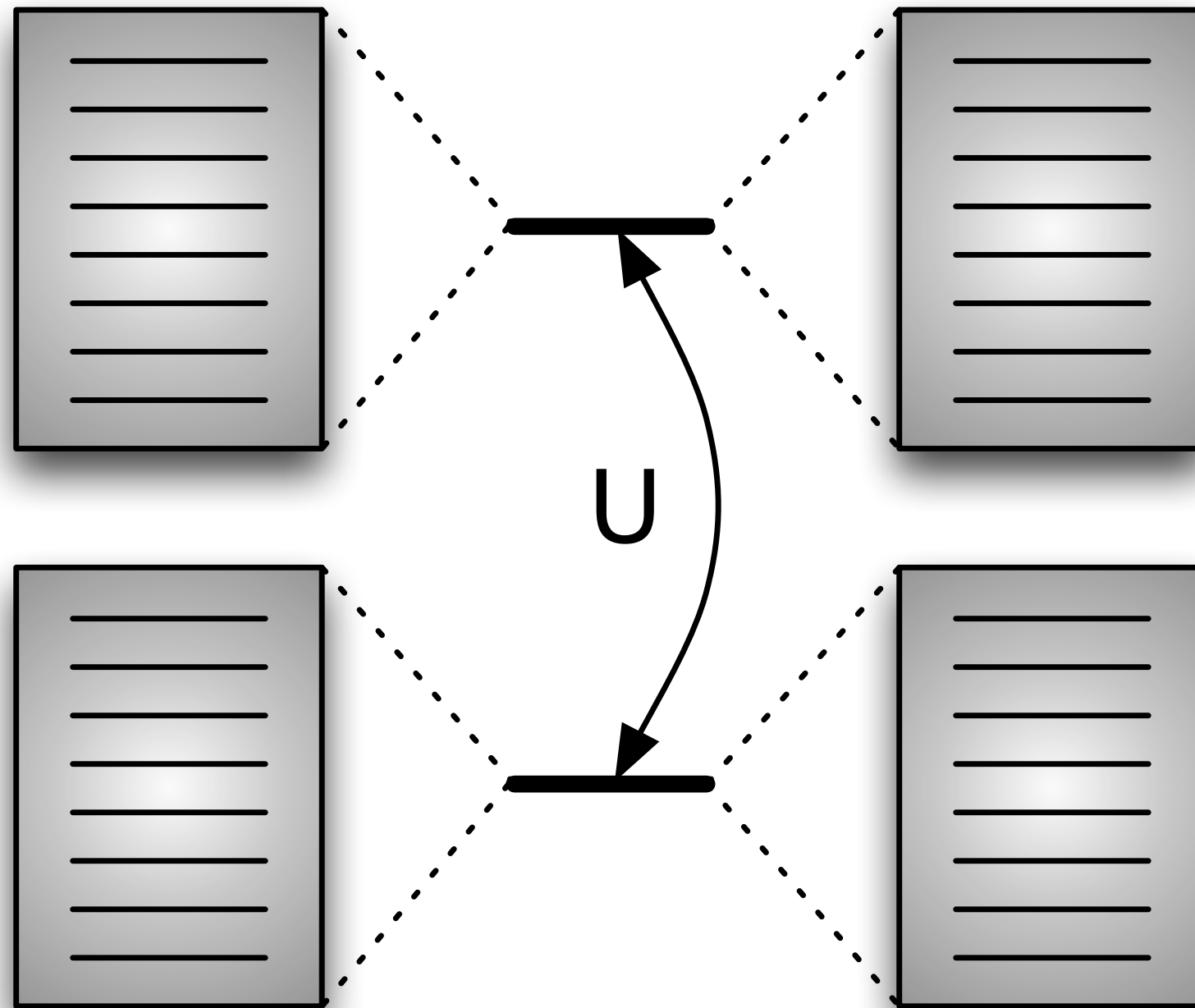
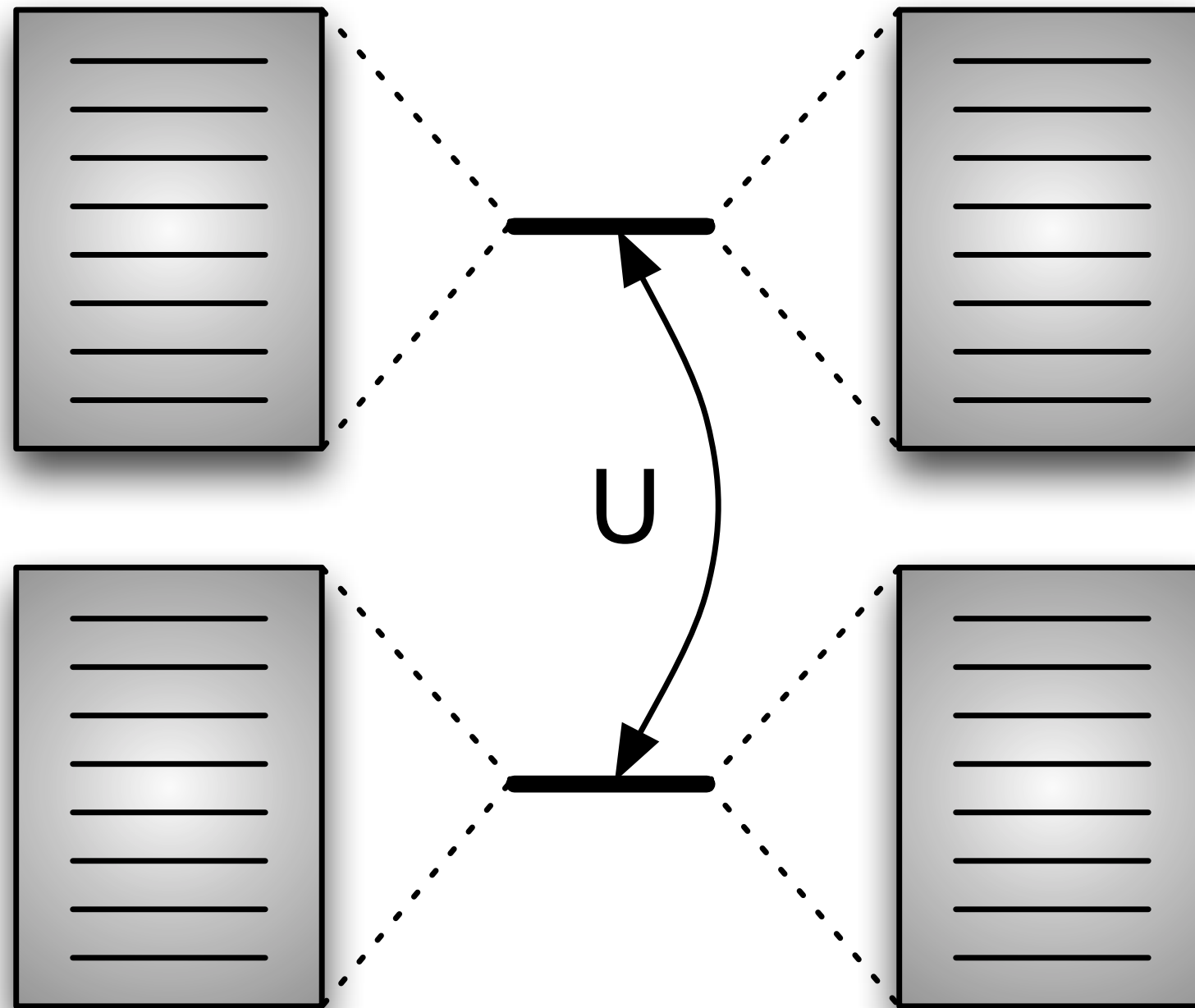


# Anderson Impurity Model



$$\hat{H}_{\text{Landauer},\uparrow} + \hat{H}_{\text{Landauer},\downarrow} + U \hat{a}_{0\uparrow}^\dagger \hat{a}_{0\downarrow}^\dagger \hat{a}_{0\uparrow} \hat{a}_{0\downarrow}$$

# Anderson Impurity Model



$$H_{\text{Landauer},\uparrow} + H_{\text{Landauer},\downarrow} + U e^{-(n_{0\uparrow}-1)^2 \lambda^2} e^{-(n_{0\downarrow}-1)^2 \lambda^2}$$