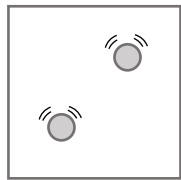
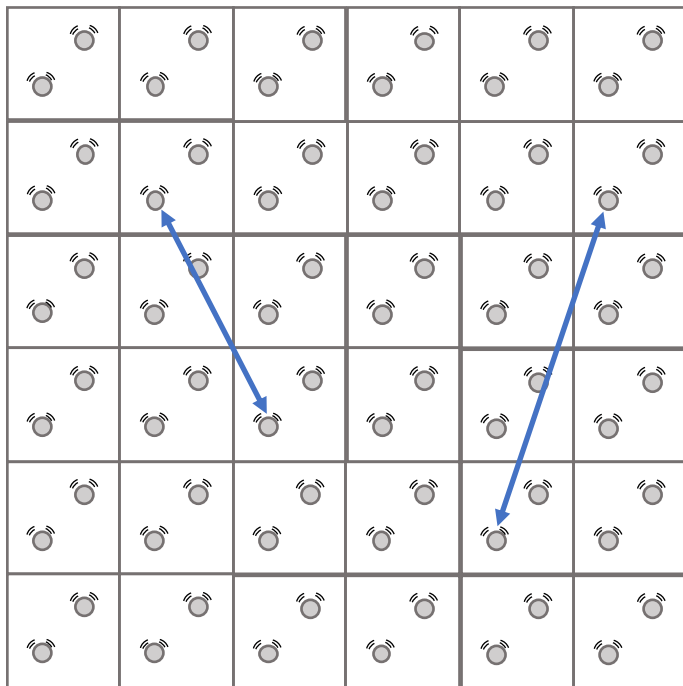


$$\tilde{D}_{\kappa\alpha,\kappa'\alpha'}^{\text{ucell}}(\mathbf{q})$$

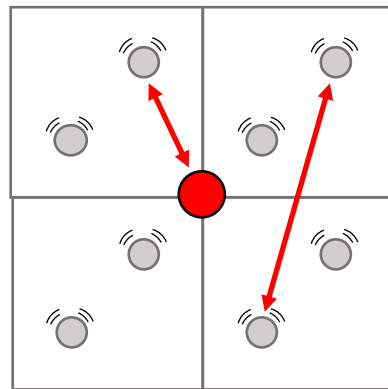


folding

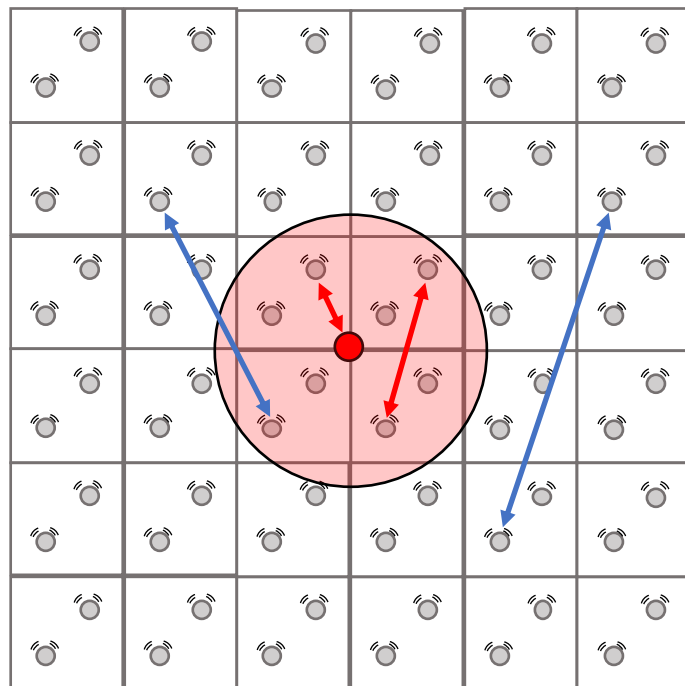
unfolding



$$C_{\kappa\alpha,\kappa'\alpha'}^{\text{pristine}}$$



$$C_{\kappa\alpha,\kappa'\alpha'}^{\text{defect}}$$



$$C_{\kappa\alpha,\kappa'\alpha'}^{\text{embedded}}$$