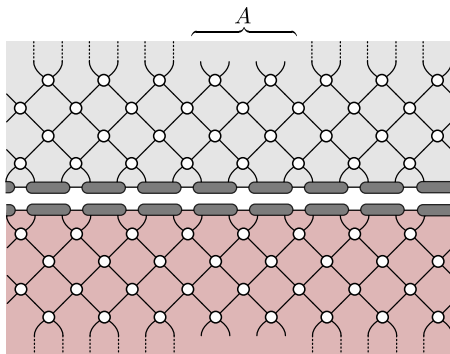


Entanglement dynamics

- Initial state constructed from solvable tensors

$$|\Psi(\{\mathcal{N}\})\rangle =$$
A horizontal chain of eight gray rounded rectangular tensors. Each tensor has a vertical line extending upwards and a vertical line extending downwards. The leftmost tensor has an additional vertical line extending to the left.

- Reduced density matrix $\rho_A(t) = \text{Tr}_{\bar{A}} (|\Psi(t, \{\mathcal{N}\})\rangle \langle \Psi(t, \{\mathcal{N}\})|)$

$$\rho_A(t) =$$
A diagram representing the reduced density matrix $\rho_A(t)$ as a bipartite graph. The graph is divided into two horizontal regions: a top gray region and a bottom red region. The top region is labeled with a bracket above it containing the letter 'A'. The graph consists of a grid of white circular nodes connected by black lines. The top gray region contains a grid of nodes with vertical lines extending upwards. The bottom red region contains a grid of nodes with vertical lines extending downwards. The two regions are connected by a horizontal line of nodes, which are the tensors from the initial state diagram. The overall structure is a diamond-shaped lattice of nodes and edges.