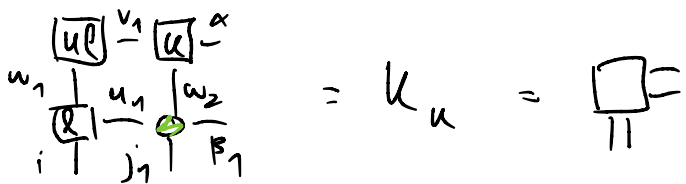


CTMCG

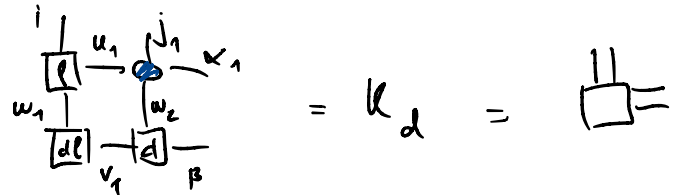
create projector - 1 (:half)

$E_x : (k, l) = (1, 1)$

Neighbor
above



on-site

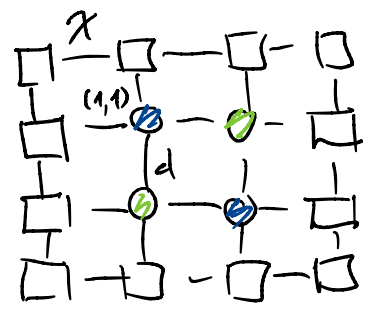


$\rightarrow L = \begin{matrix} \text{[diagram of a box with two vertical lines]} \\ \text{[diagram of a box with two vertical lines]} \end{matrix} \xrightarrow{\text{SVD}} \begin{matrix} u & \sqrt{S} & \sqrt{S} \\ \text{[diagram of a circle with two vertical lines]} & - & \text{[diagram of a circle with two vertical lines]} & - & \text{[diagram of a circle with two vertical lines]} & - & \text{[diagram of a circle with two vertical lines]} & v^+ \end{matrix} = \text{[diagram of a circle with two vertical lines]} - \text{[diagram of a circle with two vertical lines]}$

$P_{u(1,1)} \text{ [diagram of a box with two vertical lines]} = \text{[diagram of a circle with two vertical lines]} -$

$P_{d(1,1)} \text{ [diagram of a box with two vertical lines]} = \text{[diagram of a circle with two vertical lines]} -$

$(L_x, L_y) = (2, 2)$



absorb-and-project-tensors-1

$$(k, l) = (1, 1) \Rightarrow m = 2$$

