

$$| \psi_{out} \rangle = \prod_{j \in O} X_j^{\bigoplus_{k \in L} x^{s_k}} Z_j^{\bigoplus_{k \in L} z^{s_k}} \prod_{j \in N \setminus O} M_j(\delta) \prod_{(i,j) \in S} C_{ij} | \psi_{in} \rangle / 1 / + / N / 1$$