

$$\tilde{Z}(M \circ N) = \left\langle \left[\sum_i \begin{array}{c} \bullet \\ \vdots \\ \bullet \end{array} \begin{array}{c} i^* \\ \\ i^- \end{array} + \frac{1}{2} \sum_{i,j} m_{ij} \begin{array}{c} \bullet \\ \vdots \\ \bullet \end{array} \begin{array}{c} i^- \\ \curvearrowright \\ j^- \end{array} \right] \sqcup \tilde{Z}^Y(M)_{|j^+ \mapsto j^*} \ , \\ \left[\sum_i \begin{array}{c} \bullet \\ \vdots \\ \bullet \end{array} \begin{array}{c} i^+ \\ \\ i^* \end{array} + \frac{1}{2} \sum_{i,j} n_{ij} \begin{array}{c} \bullet \\ \vdots \\ \bullet \end{array} \begin{array}{c} i^* \\ \curvearrowright \\ j^* \end{array} \right] \sqcup \tilde{Z}^Y(N)_{|j^- \mapsto j^*} \right\rangle_{[g]^*} .$$