

$$\tilde{Z}^t(c(t_{\alpha_i})) = \exp_{\sqcup} \left( \sum_{i=1}^g \left( \begin{array}{c} \bullet \quad i^+ \\ \vdots \\ \bullet \quad i^- \end{array} + \frac{1}{2} \begin{array}{c} \bullet \quad \quad \bullet \\ \vdots \quad \quad \vdots \\ \bullet \quad i^- \quad \bullet \quad i^- \\ \vdots \quad \quad \quad \vdots \\ \bullet \quad \quad \bullet \end{array} \right) \sqcup \exp_{\sqcup} (i\text{-deg} \geq 2) \right),$$