

$$S_{f_i, e_j \rightarrow k} [\mathbb{E} [\omega, L, Q, P]] :=$$

$$\text{With} \left[\left\{ \mathbf{q} = \left((1 - \mathbf{t}) \alpha \beta + \beta \mathbf{e}_k + \alpha \mathbf{f}_k + \delta \mathbf{e}_k \mathbf{f}_k \right) / \mu \right\}, \text{CF} \left[\right.$$

$$\mathbb{E} \left[\mu \omega, L, \mu \omega \mathbf{q} + \mu \left(Q / \cdot \mathbf{f}_i \mid \mathbf{e}_j \rightarrow \emptyset \right), \right.$$

$$\left. \left. \mu^4 e^{-\mathbf{q}} \text{DP}_{f_i \rightarrow D_\alpha, e_j \rightarrow D_\beta} [P] [e^{\mathbf{q}}] + \omega^4 \Lambda [k] \right] / \cdot \mu \rightarrow 1 + (\mathbf{t} - 1) \delta / \cdot \right.$$

$$\left. \left. \left\{ \alpha \rightarrow \omega^{-1} \left(\partial_{f_i} Q / \cdot \mathbf{e}_j \rightarrow \emptyset \right), \beta \rightarrow \omega^{-1} \left(\partial_{e_j} Q / \cdot \mathbf{f}_i \rightarrow \emptyset \right), \right. \right.$$

$$\left. \left. \delta \rightarrow \omega^{-1} \partial_{f_i, e_j} Q \right\} \right] \right];$$