

$$N_{w_i \rightarrow u_j \rightarrow k} [\mathbb{E} [\omega, L, Q, P]] :=$$

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

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

$$\left. \left. \mu^4 e^{-\mathbf{q}} \text{DP}_{w_i \rightarrow D_\alpha, u_j \rightarrow D_\beta} [P] [e^{\mathbf{q}}] + \omega^4 \Lambda [k] \right] / . \right.$$

$$\mu \rightarrow 1 + (\mathbf{t}_k - 1) \delta / .$$

$$\left\{ \alpha \rightarrow \omega^{-1} (\partial_{w_i} Q / \cdot \mathbf{u}_j \rightarrow \theta), \beta \rightarrow \omega^{-1} (\partial_{u_j} Q / \cdot \mathbf{w}_i \rightarrow \theta), \right.$$

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