

Define [

$$R_{i,j} =$$

CF@

$$\mathbb{E}_{\{\} \rightarrow \{i,j\}} \left[\hbar a_j b_i, \hbar x_j y_i, e^{\wedge \left(\sum_{k=2}^{k+1} \frac{(1 - e^{\gamma \in \hbar})^k (\hbar y_i x_j)^k}{k (1 - e^{k \gamma \in \hbar})} \right)} \right]_{\$k},$$

$$\bar{R}_{i,j} = \text{CF@} \mathbb{E}_{\{\} \rightarrow \{i,j\}} \left[-\hbar a_j b_i, -\hbar x_j y_i / B_i, \right.$$

$$1 + \text{If} [\$k == 0, 0, (\bar{R}_{\{i,j\}, \$k-1})_{\$k} [3] -$$

$$\left(\left((\bar{R}_{\{i,j\}, 0})_{\$k} R_{1,2} (\bar{R}_{\{3,4\}, \$k-1})_{\$k} \right) // (\text{bm}_{i,1 \rightarrow i} \text{am}_{j,2 \rightarrow j}) // \right. \\ \left. (\text{bm}_{i,3 \rightarrow i} \text{am}_{j,4 \rightarrow j}) \right) [3]]],$$

$$P_{i,j} = \mathbb{E}_{\{i,j\} \rightarrow \{\}} \left[\beta_i \alpha_j / \hbar, \eta_i \xi_j / \hbar, \right.$$

$$1 + \text{If} [\$k == 0, 0, (P_{\{i,j\}, \$k-1})_{\$k} [3] -$$

$$\left(R_{1,2} // \left((P_{\{1,j\}, 0})_{\$k} (P_{\{i,2\}, \$k-1})_{\$k} \right) \right) [3]]]]$$