

$$\begin{aligned}
 \mathbf{Ea}[t_, j_, k_] &:= \text{TSD} \left[ \left\langle \begin{array}{l} j \rightarrow \text{CF@UU}[a[1, j, \text{h}\infty]], \\ k \rightarrow \text{CF@UU} \left[ a[e^{t b_j}, k, \text{h}\infty] + a \left[ -\frac{(-1 + e^{t b_j}) b_k}{b_j}, j, \text{h}\infty \right] \right] \right| \right\rangle \right];
 \end{array}
 \right.
 \end{aligned}$$

$$\mathbf{R}[j_, k_] := \mathbf{Ea}[1, j, k]$$