

$$\begin{aligned}
 \mathbf{U21} = & \left\{ \mathbf{B}_{i-}^{p-} \rightarrow e^{-p \hbar \gamma b_i}, \mathbf{B}^{p-} \rightarrow e^{-p \hbar \gamma b}, \mathbf{T}_{i-}^{p-} \rightarrow e^{p \hbar t_i}, \right. \\
 & \left. \mathbf{T}^{p-} \rightarrow e^{p \hbar t}, \mathcal{A}_{i-}^{p-} \rightarrow e^{p \gamma \alpha_i}, \mathcal{A}^{p-} \rightarrow e^{p \gamma \alpha} \right\};
 \end{aligned}$$

$$\begin{aligned}
 \mathbf{12U} = & \left\{ e^{c- \cdot b_{i-} + d-} \rightsquigarrow \mathbf{B}_i^{-c / (\hbar \gamma)} e^d, e^{c- \cdot b + d-} \rightsquigarrow \mathbf{B}^{-c / (\hbar \gamma)} e^d, \right. \\
 & e^{c- \cdot t_{i-} + d-} \rightsquigarrow \mathbf{T}_i^{c / \hbar} e^d, e^{c- \cdot t + d-} \rightsquigarrow \mathbf{T}^{c / \hbar} e^d, \\
 & e^{c- \cdot \alpha_{i-} + d-} \rightsquigarrow \mathcal{A}_i^{c / \gamma} e^d, e^{c- \cdot \alpha + d-} \rightsquigarrow \mathcal{A}^{c / \gamma} e^d, \\
 & \left. e^{\mathcal{E}-} \rightsquigarrow e^{\text{Expand@}\mathcal{E}} \right\};
 \end{aligned}$$