$$\mathbf{U2l} = \left\{\mathbf{B}_{i\_}^{p\_\cdot} :\to e^{-p\,\hbar\,\gamma\,b_i},\ \mathbf{B}^{p\_\cdot} :\to e^{-p\,\hbar\,\gamma\,b},\ \mathbf{T}_{i\_}^{p\_\cdot} :\to e^{-p\,\hbar\,t_i},\ \mathbf{T}^{p\_\cdot} :\to e^{-p\,\hbar\,t},\ \mathcal{A}_{i\_}^{p\_\cdot} :\to e^{p\,\gamma\,\alpha_i},\right.$$
$$\left.\mathcal{A}^{p\_\cdot} :\to e^{p\,\gamma\,\alpha}\right\};$$

$$\mathbf{l2U} = \left\{e^{c\_\cdot\,b_{i\_}+d\_\cdot} :\to \mathbf{B}_i^{-c/(\hbar\,\gamma)}\,e^{d},\ e^{c\_\cdot\,b+d\_\cdot} :\to \mathbf{B}^{-c/(\hbar\,\gamma)}\,e^{d},\right.$$
$$e^{c\_\cdot\,t_{i\_}+d\_\cdot} :\to \mathbf{T}_i^{-c/\hbar}\,e^{d},\ e^{c\_\cdot\,t+d\_\cdot} :\to \mathbf{T}^{-c/\hbar}\,e^{d},$$
$$e^{c\_\cdot\,\alpha_{i\_}+d\_\cdot} :\to \mathcal{A}_i^{c/\gamma}\,e^{d},\ e^{c\_\cdot\,\alpha+d\_\cdot} :\to \mathcal{A}^{c/\gamma}\,e^{d},$$
$$\left.e^{\mathcal{E}\_} :\to e^{\mathbf{Expand@}\mathcal{E}}\right\};$$