

$$\begin{aligned}
\text{green diamond } v'_k &= \text{orange box } \Gamma^+(v_k; \zeta_{v_k}) \equiv \text{grey box } v_k \odot \exp\left(\frac{\varepsilon_v^k}{2} \text{orange box } s_v^k(\zeta_{v_k})\right) - \frac{\varepsilon_v^k}{2} \left[\partial_x S(x_k) \odot \exp\left(\varepsilon_v^k \text{orange box } q_v^k(\zeta_{v_k})\right) + \text{orange box } t_v^k(\zeta_{v_k}) \right] \\
&\quad \text{v scaling} \qquad \qquad \qquad \text{force scaling} \qquad \qquad \qquad \text{translation} \\
\text{purple diamond } x'_k &= \text{blue box } m^k \odot x_k + \text{red box } \bar{m}^k \odot \text{yellow box } \Lambda^+(x_k; \zeta_{v_k}) \equiv \text{grey box } x_k \odot \exp\left(\varepsilon_x^k \text{yellow box } s_x^k(\zeta_{x_k})\right) + \varepsilon_x^k \left[\text{green diamond } v'_k \odot \exp\left(\varepsilon_x^k \text{yellow box } q_x^k(\zeta_{x_k})\right) + \text{yellow box } t_x^k(\zeta_{x_k}) \right] \\
&\quad \qquad \qquad \qquad \qquad \qquad \text{x scaling} \qquad \qquad \qquad \text{v scaling} \qquad \qquad \qquad \text{translation}
\end{aligned}$$