



$$\begin{aligned}
 e'_k &= \phi_2^e(v_{r_k}, v_{s_k}) & v'_i &= \phi_2^v(\bar{e}'_i, v_i) & e''_k &= \sigma(\phi_2^e(e'_k, v'_{r_k}, v'_{s_k})) \\
 \bar{e}'_i &= \rho^{e \rightarrow v}(E_i)
 \end{aligned}$$