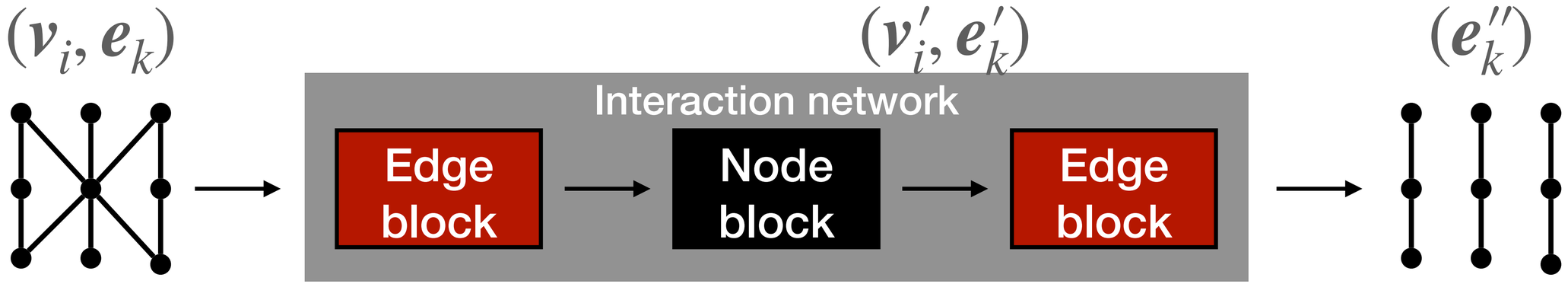

$$\boldsymbol{e}'_k = \phi_2^e(\boldsymbol{v}_{r_k}, \boldsymbol{v}_{s_k})$$

$$\bar{\boldsymbol{e}}'_i = \rho^{e\to v}(E_i)$$

$$\boldsymbol{v}'_i = \phi_2^v(\bar{\boldsymbol{e}}'_i, \boldsymbol{v}_i)$$

$$\boldsymbol{e}''_k = \sigma(\phi_2^e(\boldsymbol{e}'_k, \boldsymbol{v}'_{r_k}, \boldsymbol{v}'_{s_k}))$$