Given $\mathcal{D} = \bigcup_{i=1}^{4} \mathbf{S}_i$ such that,

- $s_i^* \in \mathbf{S}_i$ (rep.)
- $g_i^* = \langle s_i^*, A, \mathbf{p}, E_g, \Sigma_g \rangle$ (model rep.)

and $Q = \langle R, t_p, t_f, Q_m \rangle$, then the output is $\{g_i^*(s);\ s \in R \cap \mathbf{S}_i\}$ for all $s \in R$.