$$\begin{aligned}
((R_u, i) \in \text{BoundMiss}(\mathbb{L}, \mathbb{C}_{in})) &\stackrel{\text{def}}{=} i \in \mathcal{I} \wedge \\
&\exists d, s : \text{Map}(\mathcal{L}_x(F_u(i)), d, s) \wedge \\
&\neg(\exists e, j, v : (R_v, j) \lhd (R_u, i) \wedge \\
&\text{Map}(\mathcal{L}_y(F_v(j)), e, s)) \wedge \\
&\mathbb{C}_{in}(s) \neq \mathcal{B}(\mathcal{L}_x(F_u(i))) \quad (7)
\end{aligned}$$