

weak-antecedent-functions-compose^{11,40}

$\forall es:\text{ES}, P, Q, R:(\mathbb{E} \rightarrow \mathbb{P}), f:(\{e:\mathbb{E} \mid P(e)\} \rightarrow \{e:\mathbb{E} \mid Q(e)\}), g:(\{e:\mathbb{E} \mid Q(e)\} \rightarrow \{e:\mathbb{E} \mid R(e)\})$.
 $(Q \leftarrow f P \ \& \ R \leftarrow g Q) \Rightarrow R \leftarrow g \circ f P$