

**weak-antecedent-function**<sup>11,40</sup>

$$Q \leftarrow == f == P \equiv_{\text{def}} \forall e: \{e: E \mid P(e)\} . f(e) \text{ c} \leq e \ \& \ Q(f(e))$$

*clarification:*

$$\begin{aligned} & \text{weak-antecedent-function}(es; P; Q; f) \\ \equiv_{\text{def}} & \forall e: \{e: \text{es-E}(es) \mid P(e)\} . \text{es-cause}(es; f(e); e) \ \& \ Q(f(e)) \end{aligned}$$