

## fun-path<sup>11,40</sup>

$y=f^*(x)$  via  $L$

$$\begin{aligned} \equiv_{\text{def}} & (0 < \|L\|) \\ & \& y = \text{hd}(L) \\ & \& x = \text{last}(L) \\ & \& (\forall i:\{0..\|L\| - 1\}^-. L[i] = f(L[(i+1)]) \& (\neg(L[i] = L[(i+1)]))) \end{aligned}$$

*clarification:*

fun-path( $T;f;L;y;x$ )

$$\begin{aligned} \equiv_{\text{def}} & (0 < \|L\|) \\ & \& y = \text{hd}(L) \in T \\ & \& x = \text{last}(L) \in T \\ & \& (\forall i:\{0..\|L\| - 1\}^-. L[i] = f(L[(i+1)]) \in T \& (\neg(L[i] = L[(i+1)] \in T))) \end{aligned}$$