

## **fun-path-no\_repeats**<sup>11,40</sup>

$\forall T:\text{Type}, f:(T \rightarrow T).$

$\text{retraction}(T;f) \Rightarrow (\forall L:(T \text{ List}), x, y:T. x=f*(y) \text{ via } L \Rightarrow \text{no\_repeats}(T;L))$