

## **inject**<sup>13,42</sup>

basic

$$\text{Inj}(A;B;f) \equiv_{\text{def}} \forall a_1, a_2:A. (f(a_1) = f(a_2)) \Rightarrow (a_1 = a_2)$$

*clarification:*

basic

$$\text{Inj}(A;B;f) \equiv_{\text{def}} \forall a_1:A, a_2:A. (f(a_1) = f(a_2) \in B) \Rightarrow (a_1 = a_2 \in A)$$