

inject^{12,41}

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

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