

## strong-subtype<sup>11,40</sup>

$\text{strong-subtype}(A; B)$   
 $\equiv_{\text{def}} \text{subtype\_rel}(A; B)$   
 $c \wedge \text{subtype\_rel}(\{b:B \mid \exists a:A. (b = a)\} ; A)$   
 $c \wedge (\forall a_1, a_2:A. (a_1 = a_2) \Rightarrow (a_1 = a_2))$

*clarification:*

$\text{strong-subtype}(A; B)$   
 $\equiv_{\text{def}} \text{subtype\_rel}(A; B)$   
 $c \wedge \text{subtype\_rel}(\{b:B \mid \exists a:A. (b = a \in B)\} ; A)$   
 $c \wedge (\forall a_1:A, a_2:A. (a_1 = a_2 \in B) \Rightarrow (a_1 = a_2 \in A))$