

## **subtype\_rel-deq**<sup>11,40</sup>

$\forall A, B:\text{Type}.$

$(A \subseteq_r B) \Rightarrow (\forall x, y:A. (x = y \in B) \Rightarrow (x = y)) \Rightarrow (\text{EqDecider}(B) \subseteq_r \text{EqDecider}(A))$