

st-atoms-distinct^{11,40}

atoms-distinct(tab)

$$\equiv_{\text{def}} \forall i, j: \{0.. \|tab\| - 1\}. (\text{st-atom}(tab; i) = \text{st-atom}(tab; j)) \Rightarrow (i = j)$$

clarification:

atoms-distinct(tab)

$$\equiv_{\text{def}} \forall i: \{0.. \|tab\| - 1\}, j: \{0.. \|tab\| - 1\}. \\ (\text{st-atom}(tab; i) = \text{st-atom}(tab; j) \in \text{Atom1}) \Rightarrow (i = j \in \mathbb{Z})$$