

Inference at * 1
of proof for Lemma member-zip:

1. A : Type
 2. B : Type
 3. A List
- $\vdash \forall ys:(B \text{ List}), x:A, y:B. (<x, y> \in \text{zip}([], ys)) \Rightarrow \{(x \in []) \ \& \ (y \in ys)\}$
by Reduce 0 THEN Auto THEN ObviousFrom [(-1)]