

Inference at * 1 2 1
of proof for Lemma adjacent-cons:

1. $T : \text{Type}$
 2. $x : T$
 3. $y : T$
 4. $u : T$
 5. $L : T \text{ List}$
 6. $i : \{0..(\|L\|+1) - 1\}^-$
 7. $x = [u / L][i]$
 8. $y = [u / L][(i+1)]$
 9. $0 < \|L\|$
 10. $\neg(i = 0)$
- $\vdash x = L[(i - 1)]$
by ((RWO "select_cons_tl" (-4))
CollapseTHEN (Auto·)).