

last_induction^{11,40}

$\forall T:\text{Type}, Q:(T \text{ List}) \rightarrow \text{prop}\{\text{i:l}\}.$

$Q([])$

$\Rightarrow (\forall ys:(T \text{ List}), y:T. Q(ys) \Rightarrow Q(\text{append}(ys; \text{cons}(y; []))))$

$\Rightarrow \text{guard}(\forall zs:(T \text{ List}). Q(zs))$