

firstn_decomp2^{11,40}

$\forall T:\text{Type}, j:\mathbb{N}, l:(T \text{ List}).$

$(0 < j) \Rightarrow (j \leq \|l\|) \Rightarrow ((\text{firstn}(j - 1; l) @ [l[(j - 1)]]) \sim \text{firstn}(j; l))$