

interleaving_implies_occurrence^{4,23}

$\forall T:\text{Type}, L_1, L_2, L:T \text{ List.}$

$\text{interleaving}(T;L_1;L_2;L)$

$\Rightarrow (\exists f_1:(\mathbb{N}_{<\|L_1\|} \rightarrow \mathbb{N}_{<\|L\|}), f_2:(\mathbb{N}_{<\|L_2\|} \rightarrow \mathbb{N}_{<\|L\|}).$
 $\text{interleaving_occurrence}(T;L_1;L_2;L;f_1;f_2))$