

filter_interleaving^{4,23}

$\forall T:\text{Type}, P:(T \rightarrow \mathbb{B}), L, L_1, L_2:T \text{ List.}$

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