

rel_exp-iff-path^{11,40}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \mathbb{P}), n:\mathbb{N}, x, y:T.$

$(x \text{ rel_exp}(T;R;n) y) \iff (\exists L:T \text{ List. } (\|L\| = n+1 \ \& \ \text{rel-path-between}(T;R;x;y;L)))$