

rel_exp_add^{11,40}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \text{prop}\{i:l\}), m,n:\mathbb{N}, x,y,z:T.$

$(x \text{ rel_exp}(T; R; m) y) \Rightarrow (y \text{ rel_exp}(T; R; n) z) \Rightarrow (x \text{ rel_exp}(T; R; (m + n)) z)$