

rel-exp-add-iff^{11,40}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \mathbb{P}), a, b:\mathbb{N}, x, z:T.$

$(x \text{ rel_exp}(T;R;a+b) z) \iff (\exists y:T. ((x \text{ rel_exp}(T;R;a) y) \& (y \text{ rel_exp}(T;R;b) z)))$