

rel-immediate-exists^{11,40}

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

$\text{SWellFounded}(R(x,y))$

$\Rightarrow (\forall x, y:T. \text{Dec}(\exists z:T. (R(x,z) \ \& \ R(z,y))))$

$\Rightarrow (\forall y:T. (\exists x:T. (R(x,y))) \Rightarrow (\exists x:T. (R!(x,y))))$