squash_thru_equiv_rel[12,41]

$\forall T$:Type, E:($T \to T \to \mathbb{P}$). ($\downarrow$EquivRel(T;x,y.$E(x,y)$)) $\Rightarrow$ EquivRel(T;x,y.$\downarrow E(x,y)$)

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_4344_{squash_thru_equiv_rel}.html