trans_functionality_wrt_iff[12,41]

$\forall T$:Type, R, R':($T \to T \to \mathbb{P}$).
$(\forall x, y{:}T.\ R(x,y) \iff R'(x,y)) \Rightarrow (\mathrm{Trans}(T;y,x.R(x,y)) \iff \mathrm{Trans}(T;y,x.R'(x,y)))$

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_4249_{trans_functionality_wrt_iff}.html