order_functionality_wrt_iff[12,41]

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

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_4469_{order_functionality_wrt_iff}.html