trans_imp_sp_trans_b[12,41]

$\forall T$:Type, R:($T \to T \to \mathbb{P}$).
Trans(T;a,b.$R(a,b)$)
$\Rightarrow$ {$\forall a$, b, c:T. strict_part(x,y.$R(x,y)$;a;b) $\Rightarrow$ $R(b,c)$ $\Rightarrow$ strict_part(x,y.$R(x,y)$;a;c)}

ProofTree

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_4549_{trans_imp_sp_trans_b}.html