

fun_1^{12,41}

COM: fun_1.begin

COM: fun_1.summary

COM: fun_1.intro

ABS: Id **identity**

STM: identity_wf

ABS: Id $\{T\}$ **tidentity**

STM: tidentity_wf

STM: my_tidentity_wf

STM: eta_conv

ABS: $\lambda x:T. b(x)$ **tlambda**

ABS: $f \circ g$ **compose**

STM: compose_wf

STM: comb_for_compose_wf

STM: comp_assoc

STM: comp_id_l

STM: comp_id_r

ABS: InvFuns($A;B;f;g$) **inv_funs**

STM: inv_funs_wf

STM: sq_stable_inv_funs

ABS: 1-1-Corresp($A;B$) **one_one_corr**

STM: one_one_corr_wf

ABS: Inj($A;B;f$) **inject**

STM: inject_wf

STM: sq_stable_inject

ABS: Surj($A;B;f$) **surject**

STM: surject_wf

ABS: $\text{Bij}(A;B;f)$ **biject**

STM: biject_wf

STM: ax_choice

STM: dep_ax_choice

STM: inv_funs_sym

STM: bij_imp_exists_inv

STM: fun_with_inv_is_bij

STM: bij_iff_1_1_corr

COM: fun_1_end