inv_funs[12,41]

$\mathrm{InvFuns}(A;B;f;g) \equiv_{\mathrm{def}} (g \circ f) = \mathrm{Id}\{A\} \;\&\; (f \circ g) = \mathrm{Id}\{B\}$

clarification:

$\mathrm{InvFuns}(A;B;f;g) \equiv_{\mathrm{def}} (g \circ f) = \mathrm{Id}\{A\} \in A \to A \;\&\; (f \circ g) = \mathrm{Id}\{B\} \in B \to B$

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http://www.nuprl.org/FDLcontent/p0_942988_/p15_3797_{inv_funs}.html