Inference at $*$
 of proof for Lemma inject_wf:

$\vdash \forall A$, $B$:Type, $f$:$(A \rightarrow B)$. Inj$(A;B;f) \in \mathbb{P}$
  by ((Unfold ‘inject‘ 0)
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
    ),(first_nat 3:n)) (first_tok :t) inil_term)))·

    .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_84725_{inject_wf}.html