Inference at $*$
 of proof for Lemma scomb_wf:

$\vdash \forall A, B, C$:Type. S $\in (A \to B \to C) \to (A \to B) \to A \to C$
  by ((Unfold ‘scomb‘ 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_103793_{scomb_wf}.html