Inference at $*$
of proof for Lemma comb_for_band_wf:

$\vdash$ ($\lambda p,q,z.\ p \wedge_b q$) $\in \mathbb{B} \to \mathbb{B} \to (\downarrow \text{True}) \to \mathbb{B}$
by (ProveOpCombinatorTyping (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)) ‘band_wf‘

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_91194_{comb_for_band_wf}.html