Inference at $*$
of proof for Lemma imax_ub:

$\vdash \forall a, b, c{:}\mathbb{Z}.\ (a \leq \text{imax}(b;c)) \iff ((a \leq b) \vee (a \leq c))$
by InteriorProof ((((((((UnivCD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat
1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·)
CollapseTHEN (
Unfold ‘imax‘ 0))·)
CollapseTHEN (SplitOnConclITE))·)

CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat
3:n)) (first_tok SupInf:t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_72470_{imax_ub}.html