

Inference at *
of proof for Lemma `imax_lb`:

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 $\vdash \forall a, b, c: \mathbb{Z}. (\text{imax}(a;b) \leq c) \iff \{(a \leq c) \ \& \ (b \leq c)\}$ 
  by InteriorProof (((((((UnivCD)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat
      1:n),(first_nat 3:n)) (first_tok :t) inil_term))))).)
    CollapseTHEN (
      Unfolds “imax guard“ 0)) .)
    CollapseTHEN (SplitOnConclITE)) .

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

```