

Inference at *
of proof for Lemma int_entire:

$\vdash \forall a, b : \mathbb{Z}. ((a * b) = 0) \Rightarrow ((a = 0) \vee (b = 0))$
by ((UnivCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))

1:

1. $a : \mathbb{Z}$
 2. $b : \mathbb{Z}$
 3. $(a * b) = 0$
- $\vdash (a = 0) \vee (b = 0)$

.