Inference at $*$ 1 2
 of proof for Lemma int_entire_a:

1. $a : \mathbb{Z}$
2. $b : \mathbb{Z}$
3. $a \neq 0$
4. $b \neq 0$
5. $\neg((a * b) = 0)$

$\vdash a * b \neq 0$

by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

.

---

http://www.nuprl.org/FDLcontent/p0_942988_/p121_74587_{int_entire_a}1_2.html