Inference at $*$
 of proof for Lemma zero_ann_a:

$\vdash \forall a, b{:}\mathbb{Z}.\ ((a = 0) \vee (b = 0)) \Rightarrow ((a * b) = 0)$
 by ((((UnivCD)
 CollapseTHENM (D (-1)))·)
 CollapseTHENA ((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. $a = 0$

$\vdash (a * b) = 0$

2:

1. $a : \mathbb{Z}$
2. $b : \mathbb{Z}$
3. $b = 0$

$\vdash (a * b) = 0$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_75784_{zero_ann_a}.html