```
zero_ann_b  THM

⊢  ∀a,b:ℤ. ¬a·b = 0 ⇒ ¬a = 0 & ¬b = 0
| by GenUnivCD THEN (Analyze 0) THEN (Analyze -2)
|
|\
| 1. a : ℤ
| 2. b : ℤ
| 3. a = 0
| ⊢  a·b = 0  by HypSubst 3 0
|
.\
. 1. a : ℤ
. 2. b : ℤ
. 3. b = 0
. ⊢  a·b = 0  by HypSubst 3 0
END
```