

```

⊢ ∀a,b:ℤ. (imax(a;b) ≥ a )
|
BY RepeatFor 2 ((D 0 THENA Auto))
|
1. a: ℤ
2. b: ℤ
⊢ imax(a;b) ≥ a
|
BY (Decide 「a ≤ b」. THENA Auto)
| \
| 3. a ≤ b
| ⊢ imax(a;b) ≥ a
| |
1 BY ((Unfold 'imax' 0 THEN RepeatFor 2 ((CallByValueReduce 0 THENA Auto))) THEN Auto)
| \
| 3. ¬(a ≤ b)
| ⊢ imax(a;b) ≥ a
|
BY ((Unfold 'imax' 0 THEN RepeatFor 2 ((CallByValueReduce 0 THENA Auto))) THEN Auto).

```