```
exist_intseg_null  THM

⊢  ∀a,b:ℤ, P:({a..b⁻}→Prop). b≤a ⇒ ¬(∃i:{a..b⁻}. P(i))  by Auto
|
1. a : ℤ
2. b : ℤ
3. P : {a..b⁻}→Prop
4. b≤a
⊢  ¬(∃i:{a..b⁻}. P(i))  by Analyze
|
5. ∃i:{a..b⁻}. P(i)
⊢  False  by Analyze-1
END
```